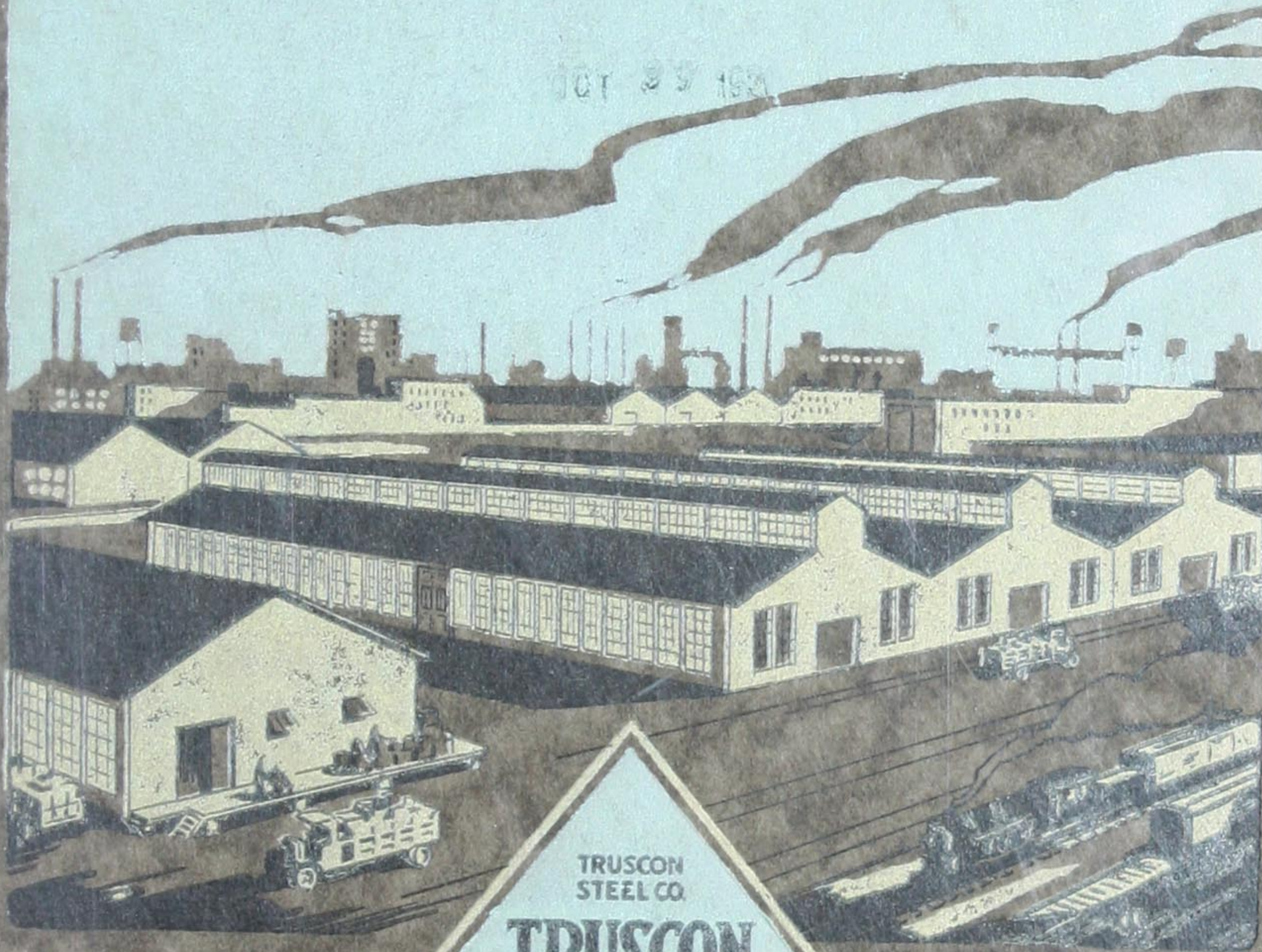


687-3

TRUSCON STANDARD BUILDINGS



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CCA

OCT 29 1920

STANDARD BUILDINGS

Built with

Standard Stock Units



FIFTH EDITION

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1919, 1920

TRUSCON STEEL COMPANY

(FORMERLY TRUSSED CONCRETE STEEL CO.)

YOUNGSTOWN, OHIO.

ATLANTA, GA., 600 Forsyth Bldg.
BALTIMORE, MD., Munsey Bldg.
BIRMINGHAM, ALA., Brown-Marx Bldg.
BOSTON, MASS., 146 Summer St.
CHICAGO, ILL., 16th floor Majestic Bldg.
CINCINNATI, O., 617 Provident Bank Bldg.
CLEVELAND, O., 4614 Prospect Ave.
COLUMBUS, O., Col. Sav. & Trust Bldg.
DALLAS, TEX., 738 Wilson Bldg.
DAYTON, O., 902 Mutual Home Bldg.
DENVER, COL., 510 Colorado Bldg.
DES MOINES, IA., Register Tribune Bldg.
DETROIT, MICH., 58 Lafayette Blvd. W.
EL PASO, TEX., 1701 Olive St.

INDIANAPOLIS, IND., City Trust Bldg.
KANSAS CITY, MO., 611 Bryant Bldg.
LOS ANGELES, CAL., 1520 Bay St.
LOUISVILLE, KY., 628 Marion Taylor Bldg.
MEMPHIS, TENN., Union Planters
Bank & Trust Bldg.
MILWAUKEE, WIS., M. & M. Bank Bldg.
MINNEAPOLIS, Metropolitan Bank Bldg.
MOBILE, ALA., 206 No. Lafayette.
NEW ORLEANS, LA., Carolina Portland
Cement Co.
NEW YORK, N. Y., 110 W. 40th St.
NORFOLK, VA., 607 Dickson Bldg.
OKLAHOMA CITY, 716 Colcord Bldg.
OMAHA, NEB., 404 Finance Bldg.

PHILADELPHIA, PA., Commonwealth Bldg
PITTSBURG, PA., 2541 Oliver Bldg.
PORTLAND, ORE., 194 N. 13th St.
PROVIDENCE, R. I., 401 Union Trust Bldg.
ROSWELL, N. M., W. A. Wilson, County
Eng's Office.
ST. LOUIS, MO., 1307 Syndicate Trust Bldg.
SALT LAKE CITY, 423-4 McIntyre Bldg.
SAN ANTONIO, TEX., 338 Bedell Bldg.
SAN FRANCISCO, CAL., 10th and Bryant.
SEATTLE, WASH., 601 Central Bldg.
SPOKANE, WASH., Old Nat'l Bank Bldg.
SYRACUSE, N. Y., 440 Gurney Bldg.
TOLEDO, OHIO, 518-19 Spitzer Bldg.
WASHINGTON, D. C., 314 Woodward Bldg.

FOREIGN TRADE DEPT., No. 2 RECTOR ST., NEW YORK CITY

TRUSCON STANDARD BUILDINGS

What Users Have to Say

BETHLEHEM LOADING CO.,
South Bethlehem, Pa.

"Have used Truscon Buildings as storage houses for empty and loaded shells and general merchandise. They are low in cost and fireproof, high in salvage value and have been favorably commented upon by various engineers who have seen them at Mays Landing. We have erected quarter million square feet floor area."

THE UNITED STATES ALUMINUM CO.
Pittsburg, Pa.

"Have used and found Truscon Standard Buildings entirely satisfactory."

UNITED STATES COAL AND COKE CO.
Gary, West Va.

"We have two Truscon Buildings in use for pump and compressor houses and are erecting three more for sub-station and fan houses. We find them cheaper and better than the ordinary steel angle and corrugated roof and side building."

HOOKEE ELECTRO CHEMICAL CO.,
Niagara Falls, N. Y.

"Have used Truscon Buildings as repair shop, office, stores, laboratory, paint shop, locker room and fire hall."

INGERSOLL RAND CO.
New York, N. Y.

"Truscon Buildings employed principally for storage of light machinery, rest rooms, etc., and have proved very satisfactory."

LAKEWOOD ENGINEERING CO.
Cleveland, Ohio

"With reference to the Truscon Standard Building which we have here, wish to advise that your building is still in use, having been moved three different times, being used for paint department in each instance. We assure you that this building has served our purpose very well and we could not recommend it too highly to any one."

THE JOHN B. MORRIS FOUNDRY CO.
Cincinnati, Ohio

"Having completed the erection of the Truscon Standard Building 40' x 156' recently purchased from you, we desire to express to you our satisfaction with our purchase. We have a substantial looking, high, airy warehouse which we do not believe can be duplicated in any other material, fire and waterproof, at anything near the cost of this construction. We are well pleased with the results."

STOLL OIL REFINING CO.
Louisville, Ky.

"In putting up our stations throughout Kentucky, we will likely install your buildings in the future, as heretofore we have erected wooden or brick buildings and they have not been as desirable. We have just installed one of your buildings at our Lexington station, and assure you that we find it satisfactory."

SOUTHERN COTTON OIL CO.
Atlanta, Ga.

"We have a number of these buildings in use and find them very satisfactory indeed for the purpose for which they were bought."

SAVAGE ARMS CORPORATION
Utica, N. Y.

"We are pleased to advise you that the 50' x 100' Truscon steel building recently erected for us is satisfactory in every respect."

ARMORCORD RUBBER COMPANY
Morgantown, W. Va.

"As to the Truscon Standard Building, I congratulate myself on the fact that I insisted on having that type of construction. My board of directors are very well pleased and have each individually expressed their complete satisfaction. Yesterday a well known consulting rubber engineer told us that he was recommending this type to one of his clients."

TRUSCON STEEL COMPANY

Standardization Means Greatest Value in Building

Every Truscon Standard Building is constructed of standard units, every one of which is made of steel. The design of each part has been carefully studied in order to develop maximum strength. Every pound of steel is utilized; there is no waste either in material or labor of manufacturing.

A Truscon Standard Building cannot burn as there are no inflammable materials used in it. Every field joint and connection is weather-tight and element-proof. Roof and walls are of Truscon Alloy Steel, a material of proven durability.

Standard Steel Wall Units, made in various heights, are interchangeable with doors and may be furnished either with or without steel windows.

Through the use of a simple and practical device which makes all field connections, the buildings are erected speedily at a very low cost. They can be taken down and re-erected without replacement of any part, therefore a salvage value of 100%. Because of the use of standard interchangeable units, any Truscon Standard Building can be readily enlarged, altered or rearranged.

Buildings are furnished with hip, monitor or sawtooth roofs. Hip roof buildings are 1, 2, 3 and 4 bays wide. Additional headroom, light and ventilation can be secured by the use of Type 3-M buildings. For machine shops and manufacturing purposes, Sawtooth Buildings provide perfect daylighting, ample ventilation and economical shafting support.



Walker Chemical Co., Pittsburg, Pa. Group of Truscon Standard Buildings.

TRUSCON STANDARD BUILDINGS

Types of Truscon Standard Buildings

- Type 1 Clear Span in widths of 6', 8', 10', 12', 16', 18', 20', 24', 28', 30', 40', 50'. Pages 16 and 17
- Type 2 Two Bays wide with center line of columns, in widths of 40', 50', 60'. Pages 18 and 19
- Type 3 Three Bays wide with two lines of columns, in widths of 50', 52', 56', 58', 60', 64', 68', 70', 74', 78', 80', 84', 90'. Pages 20 and 21
- Type 4 Four Bays wide with three lines of columns, in widths of 80' and 100'. Pages 22 and 23
- Type 3-M (Monitor), Three Bays wide with two lines of columns, the roof of the center bay elevated to form a monitor. Widths of 60', 64', 68', 70', 74', 80', 84', 90'. Pages 24 and 25
- SAWTOOTH BUILDINGS in standard bays, 16' x 26'. Pages 26 to 29
- LANTERN, 12 ft. in width, can be furnished with any Truscon Standard Building which is 40' or more in width. Pages 30 and 31



General Ordnance Co., Derby, Conn. Truscon Standard Building Type 4, 80' 0" x 250' 0". Used for Manufacturing and Storage Purposes.

TRUSCON STEEL COMPANY

Tested by Fire and Years of Service

Uncertainty of supply, due to railway congestion and other causes, often necessitates the storage by manufacturing concerns of large quantities of materials. It is essential that these materials be protected from the elements, fire particularly. Truscon Standard Buildings have been used extensively for this purpose.

Fire from outside sources cannot reach combustible materials in a Truscon Standard Building. The very nature of the construction is fire-resisting. Not only are the walls and roof of steel, but the windows and doors as well. There is no part of the building that can burn.

A fire of unusual severity destroyed practically the entire plant of the Elmwood Castings Co., Cincinnati, Ohio, with the exception of the Truscon Standard Building. Photograph below shows the destruction wrought on one building, while the adjoining Truscon Standard Building was unharmed. This building proved a life saver for the plant, enabling resumption of production without delay.

Truscon Alloy Steel is a special material used in roofs and side walls to insure greatest durability and permanence. Exposure tests over a long period of years have proven its unquestioned superiority over all other commercial steels.



Elmwood Castings Co., Cincinnati, O. Truscon Standard Building 84' 0" x 150' 0" unharmed after severe fire which destroyed adjoining building.

TRUSCON STANDARD BUILDINGS

Salvage Value of 100%

Field connections used in the construction of Truscon Standard Buildings are made with our improved device consisting of a slotted bolt and wedge. Connections are easily made and as easily dismantled, thereby making it simple and inexpensive to move a Truscon Standard Building. The Lakewood Engineering Co., Cleveland, Ohio, have taken down and re-erected one of our buildings three times. Truscon Standard Buildings do not interfere with any program for plant expansion as they have a salvage value of 100%.

The ease with which these buildings can be moved gives the purchaser the advantage of having a permanent building on a temporary location. The U. S. Navy Department had erected at the Ford Shipbuilding Plant, Detroit, Mich., a Truscon Standard Building 58' 0" x 988' 0" in size. This building has been recently dismantled and shipped to Hampton Roads, Va., where it is being re-erected in three

separate buildings, thus completely conserving the original building.

The Paige-Detroit Motor Car Co., had need for storage buildings which had to be erected on leased property, with a probability of being forced to vacate on thirty days notice. Truscon Standard Buildings were decided on, due to their high salvage value.

The use of Truscon Alloy Steel in roof and walls further enhances the salvage value by assuring greatest durability.



Standard Slotted Bolt and Wedge Connection

Truscon Standard Buildings can be enlarged as desired. One of our standard sixty foot buildings at the Tractor Plant of Henry Ford and Son, Inc., Dearborn, Michigan, has been twice enlarged during a period of twelve months.

Readjustment of openings can also be had if desired. Being composed of standard units, the various parts are interchangeable and doors, steel windows or solid panels may be shifted as necessary.



Taking down 58' 0" x 988' 0" Truscon Standard Building at Ford Shipbuilding Plant, Detroit, Mich., preparatory to shipment to Hampton Roads, Va., and re-erection as three separate buildings

TRUSCON STEEL COMPANY

Wide Range of Use

Truscon Standard Buildings are in use as Shop Buildings, Warehouses, Dining-rooms, Garages, Bunk-houses, Filing Rooms, Time Offices, Hospitals, Churches, Schools, etc. Some of the many users of Truscon Standard Buildings are as follows:

Aluminum and Brass

Aluminum Castings Co., Hamtramck, Mich.
 *Aluminum Ore Co., Pittsburgh, Pa.
 American Brass Co., Waterbury, Conn.
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.
 Titan Metal Co., Bellefonte, Ohio.
 *U. S. Aluminum Co., New Kensington, Pa.

Automobiles and Trucks

*Anderson Motor Co., Rockhill, S. C.
 *Dodge Brothers, Detroit, Mich.
 *Dort Motor Car Co., Flint, Mich.
 *Ford Motor Co., Detroit, Mich.
 *General Motors Corp'n., Detroit, Mich.
 Gramm Bernstein Motor Truck Co., Lima, O.
 *Locomobile Co. of Am., Bridgeport, Ct.
 *Packard Motor Car Co., Detroit, Mich.
 *Pierce-Arrow Motor Car Co., Buffalo, N. Y.
 *Studebaker Corp'n., Detroit, Mich.

Automobile Parts and Accessories

American Chain Co., Bridgeport, Conn.
 Atwater Kent Mfg. Co., Philadelphia, Pa.
 Auto Specialties Mfg. Co., St. Joseph, Mich.
 Gemmer Mfg. Co., Detroit, Michigan.
 Hyatt Roller Bearing Co., Harrison, N. J.
 *Jackson Cushion Spring Co., Jackson, Mich.
 Motors Metal Mfg. Co., Detroit, Mich.
 New Departure Mfg. Co., Bristol, Conn.
 Prestolite Co., Indianapolis, Ind.
 Raybestos Company, Bridgeport, Conn.
 *Timken-Detroit Axle Co., Detroit, Mich.

Chemical and Pharmaceutical

Bayer Chemical Co., Rensselaer, N. Y.
 Burdett Oxygen Co., Cleveland, Ohio.
 Carbo Hydrogen Co., of Am., Pittsburgh, Pennsylvania.
 Chesebrough Mfg. Co., Perth Amboy, N. J.
 E. I. DuPont DeNemours & Company, Wilmington, Del.
 Grasselli Chemical Co., Rensselaer, N. Y.
 Heyden Chemical Works, Garfield, N. J.
 Hooker Electro Chemical Co., Echota, New York.
 *Linde Air Products Co., Brooklyn, N. Y.
 *Montgomery Chemical Co., Detroit, Mich.
 Parke Davis & Co., Detroit, Mich.
 Walker Chemical Co., Pittsburgh, Pa.

Cotton Oil Products

Eastern Cotton Oil Co., Hertford, N. C.
 Refuge Cotton Oil Co., Savannah, Ga.
 *Southern Cotton Oil Co., Atlanta, Ga.

Food Products

American Milk Co., Sharon, Wis.
 Best Clymer Co., St. Louis, Mo.
 R. B. Davis Co., Hoboken, N. J.
 *Postum Cereal Co., Battle Creek, Mich.
 *Swift & Co., Chicago, Ill.
 West Bay City Sugar Co., Bay City, Mich.

Foundries and Forge Shops

*Allyne-Ryan Foundry Co., Cleveland, O.
 *American Car & Foundry Co., Detroit, Michigan.
 *Camden Forge Co., Camden, N. J.
 Cadillac Forge Products Co., Detroit, Michigan.
 *Dayton Malleable Iron Works, Dayton, O.
 *Elmwood Castings Co., St. Bernard, Ohio.
 *Erie Forge & Steel Co., Erie, Pa.
 *Mahoning Foundry Co., Youngstown, O.
 Milwaukee Forge & Machine Company, Milwaukee, Wis.
 Morris Foundry Co., Cincinnati, Ohio.

Fuel

Crystal Block Coal & Coke Co., Welch, West Virginia.
 Hyman Creek Coal Co., Burgettstown, Pa.
 J. B. B. Coal Co., Twin Branch, W. Va.
 Red Rock Coal Co., Melcher, Iowa.
 *U. S. Coal & Coke Co., Elbert Station, West Virginia.

Iron and Steel

*Edgemoor Iron Company, Edgemoor, Del.
 Interstate Iron & Steel Co., Chicago, Ill.
 Jessop Steel Co., Washington, Pa.
 Mansfield Sheet & Tin Plate Company, Mansfield, Ohio.
 Southern Iron & Equipment Co., Atlanta, Georgia.
 Stanley Company, New Britain, Conn.
 Vulcan Iron Works, Wilkes-Barre, Pa.

Motors and Engines

Baldwin Locomotive Works, Philadelphia, Pennsylvania.
 Ball Engine Co., Erie, Pa.
 Buda Company, Harvey, Ill.
 Duesenberg Motors Corp'n., N. Elizabeth, New Jersey.
 North American Motors Co., Pottstown, Pennsylvania.
 Robbins & Myers Co., Springfield, Ohio.
 Rochester Motors Inc., Rochester, N. Y.

Oil and Oil Products

*Atlantic Refining Co., Philadelphia, Pa.
 Associated Oil Co., Avon, Calif.
 Bond Oil Co., Cincinnati, Ohio.
 Dominion Oil Co., Belle Pointe, Ky.
 Freedom Oil Works, Freedom, Pa.
 New Orleans Refining Co., Goodhope, La.
 Ohio Refining Co., Cincinnati, Ohio.
 Owen-Osage Oil & Gas Co., Caney, Kan.
 Pierce Oil Corp'n., Frey, Okla.
 Quapaw Gas Co., Bartlesville, Okla.
 *Standard Oil Co., Neodesha, Kansas.
 Sunshine State Oil & Refining Company, Wichita Falls, Texas.

Paper and Paper Products

Battle Creek Paper Co., Battle Creek, Michigan.
 Central States Envelope Company, Indianapolis, Ind.
 Centralia Envelope Co., Centralia, Ill.
 Choate-Stevens Paper Co., Detroit, Mich.
 Gardner Harvey Paper Co., Middletown, Ohio.
 Tissue Company, Saugerties, N. Y.
 Weis Fibre Container Co., Monroe, Mich.

Public Service Corporations

Colorado Power Co., Denver, Colo.
 *Commonwealth Edison Co., Chicago, Ill.
 *Detroit Edison Co., Detroit, Mich.
 Detroit Reduction Co., Detroit, Mich.
 Fitchburg Gas & Electric Co., Fitchburg, Massachusetts.
 Lake Shore Electric Ry., Sandusky, Ohio.
 Michigan State Tel. Co., Detroit, Mich.
 *Ohio Cities Gas Co., Charleston, W. Va.
 *Pacific Power & Light Co., Portland, Ore.
 *Toledo Rail & Light Co., Toledo, Ohio.
 United Lighting Co., Conneautville, Pa.
 Wells Fargo Express Co., Youngstown, O.
 *Western Union Tel., Augusta, Ga.

Railroads

*Baltimore & Ohio, Cincinnati, Ohio.
 *Chicago & Northwestern, Chicago, Ill.
 *Erie Railroad, Cleveland, Ohio.
 *Lackawanna R. R., Scranton, Pa.
 Louisville & Nashville, Nashville, Tenn.
 *Michigan Central R. R., Detroit, Mich.

Norfolk Southern, Norfolk, Va.
 Norfolk & Western, Norfolk, Va.
 *Pennsylvania Lines, Reading, Pa.
 Philadelphia & Reading, Philadelphia, Pa.
 Queen & Crescent, Cincinnati, Ohio.
 A. T. & S. F. R. R., Chicago, Ill.

Rubber and Rubber Products

Armorcord Rubber Co., Morgantown, West Virginia.
 Atlas Tire & Rubber Co., Trenton, N. J.
 Consolidated Rubber Co., Erie, Pa.
 Empire Rubber & Tire Co., Trenton, N. J.
 Firestone Tire & Rubber Co., Akron, Ohio.
 Goodyear Rubber Co., New York, N. Y.
 Howe Rubber Co., New Brunswick, N. J.
 *Mason Tire & Rubber Co., Kent, Ohio.
 Master Tire & Rubber Co., Dayton, Ohio.
 National Tire & Rubber Company, East Palestine, Ohio.

Shipbuilding

*American International Shipbuilding Co., Hog Island, Pa.
 Baltimore Dry Dock & Shipbuilding Co., Baltimore, Md.
 Chicago Shipbuilding Co., Chicago, Ill.
 *Detroit Shipbuilding Co., Detroit, Mich.
 *Great Lakes Engineering Works, Detroit, Mich.
 Lake Torpedo Boat Co., Bridgeport, Conn.
 New York Shipbuilding Co., Camden, N. J.
 Saginaw Shipbuilding Co., Saginaw, Mich.
 Southern Shipyards Co., Newport News, Va.
 Staten Island Shipbuilding Company, Port Richmond, S. I., N. Y.

Textiles

Berkshire Knitting Mills, Reading, Pa.
 Bradford Dyeing Assn., Bradford, R. I.
 The Felters Co., Millbury, Mass.
 The Gera Mills, Passaic, N. J.
 Hohokus Bleachery, Hohokus, N. J.
 Narrow Fabric Co., Reading, Pa.
 Unrivald Hosiery Mill, Williamstown, Pa.

Tractors and Farm Machinery

*Henry Ford & Son, Dearborn, Mich.
 Mobile Tractor Co., Mobile, Ala.
 New Idea Spreader Co., Coldwater, Ohio.
 Peerless Husker Co., Buffalo, N. Y.

Miscellaneous Manufacturers

Alfred Decker & Cohn, Maywood, Ill.
 *American Can Company, New York, N. Y.
 American Cement Plaster Co., Akron, New York.
 Bissell Carpet Sweeper Co., Grand Rapids, Michigan.
 Chicago Pneumatic Tool Co., Cleveland, Ohio.
 Cleveland Frog & Crossing Co., Cleveland, Ohio.
 *Corning Glass Works, Corning, N. Y.
 Daisy Mfg. Co., Plymouth, Mich.
 *Detroit Insulated Wire Co., Detroit, Mich.
 Eastman Kodak Co., Rochester, N. Y.
 Thomas A. Edison Co., Orange, N. J.
 Fox Toy Co., Berea, Ohio.
 General Ordnance Co., Derby, Conn.
 *Ingersoll-Rand Co., Phillipsburg, N. J.
 Lakewood Engineering Co., Cleveland, O.
 Mergenthaler Linotype Co., Brooklyn, N. Y.
 Merrill-Soule Co., Syracuse, N. Y.
 Michigan Alkali Co., Wyandotte, Mich.
 Ohio Body & Blower Co., Cleveland, Ohio.
 Remington Arms Co., Illion, N. Y.
 *Savage Arms Corp'n., Utica, N. Y.
 Venable Tobacco Co., Durham, N. C.
 Warner & Swasey Co., Cleveland, Ohio.

(*) Indicates Repeat Orders.

TRUSCON STANDARD BUILDINGS

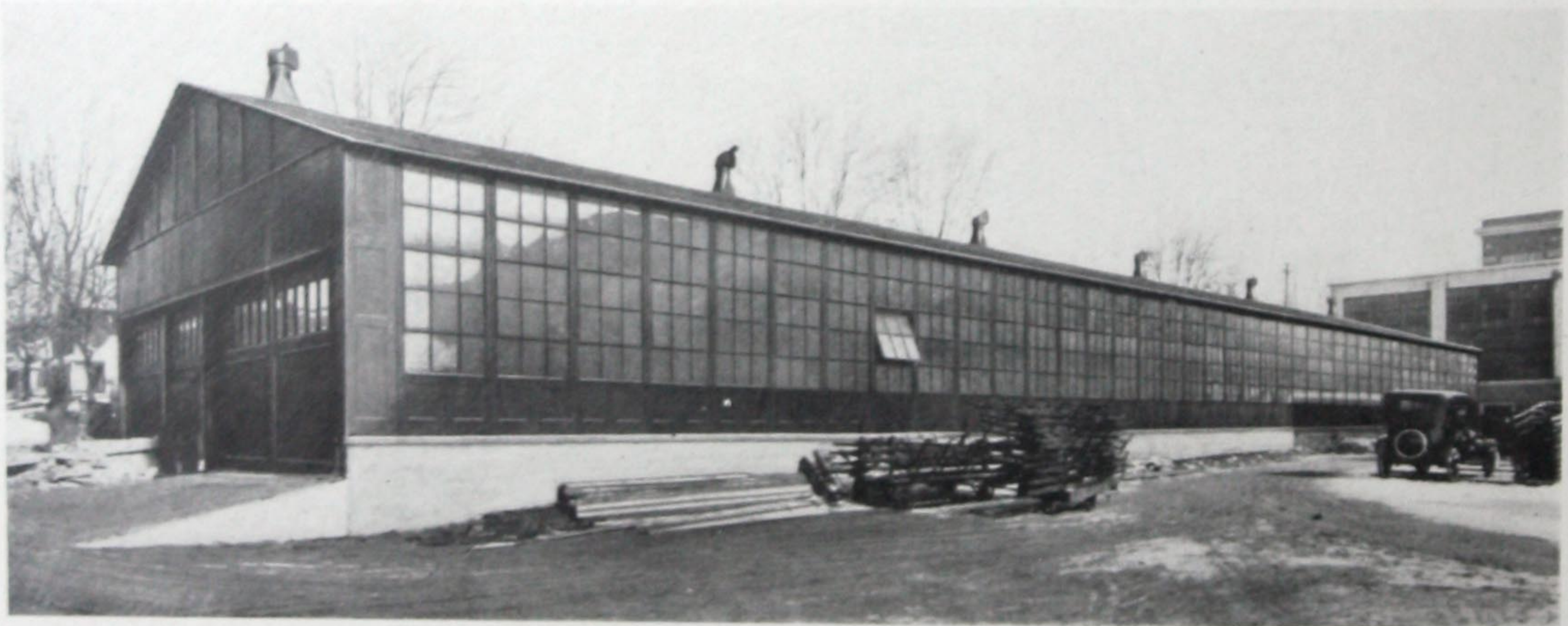
Simplifying Your Building Problem

As soon as we are informed of your building problem, our entire organization is placed at your disposal so as to give you real service and economical results. Suggestions and estimates are at once submitted on a complete Standard Building. The work is handled for you either by a specialist from the Home Office or from one of the Branch Offices located in forty principal cities.

After you have selected the particular building which fully meets your requirements, we prepare complete erection plans. We cooperate fully with any architect or engineer in working out the details to your best interests.

The entire building is shipped promptly from our warehouse stocks. There are no delays such as caused by preparing special details, awaiting parts or fabricating materials. While the materials are enroute to the building site, the foundation is being constructed.

On its arrival, the building is ready for erection which can be done by our own organization, by yourselves with a competent foreman or by a local contractor. Owing to the simple standard construction, the erection proceeds very rapidly so that the building is ready for occupancy much sooner than would be possible with other types of permanent construction.



Final Assembly Building, Dort Motor Co., Flint, Mich. 40' 0" clear span, Type 1 Truscon Standard Building

TRUSCON STEEL COMPANY

How to Select a Standard Building

A complete choice of types and sizes is available in Truscon Standard Buildings constructed of stock units. Widths are as indicated under the various types on the following pages, and lengths are in multiples of 2' 0". In the sawtooth type, standard size bays are furnished.

In selecting the type of building, there are four types of hip roof (1, 2, 3 or 4 bays), a monitor type and a sawtooth type. Also the hip roof types can be furnished with lantern, and all types with canopies and lean-tos built entirely of standard units. Adaptations of the various types can be readily made as suggested in illustrations on other pages.

The arrangement of solid panels, windows and doors can be exactly suited to individual needs, as all panels are interchangeable. Note the various types of window and door panels on Pages 34 and 35.

Comparatively simple foundations are used for Truscon Standard Buildings because of their light weight. For temporary sites a timber foundation can be used, while for permanent locations concrete is recommended. The buildings can be raised above the ground by supporting them on a platform built on piers and beams. Additional head room can be obtained by use of curb wall.



Norfolk Southern Ry., Norfolk, Va. Group of Truscon Standard Buildings, Type 3-M and Type 1

TRUSCON STANDARD BUILDINGS



Machine shop, 50' 0" x 500' 0", Sawtooth Type of Truscon Standard Building

MACHINE SHOPS

The excellent daylighting and ventilation of sawtooth buildings make them ideal machine shops. Truscon Sawtooth Buildings can be readily enlarged or taken down and re-erected

with 100% salvage. The 8' 0" truss spacing provides economical shafting supports. Other types of Truscon Standard Buildings are also used extensively for factories.



Air Tool Shop, American International Shipbuilding Corporation, Hog Island, Pa. Type 3, Truscon Standard Building

TRUSCON STEEL COMPANY



Elmwood Castings Co., Cincinnati, O. Truscon Standard Building Type 3 with Lantern, 84' 0" x 150' 0"

FOUNDRIES

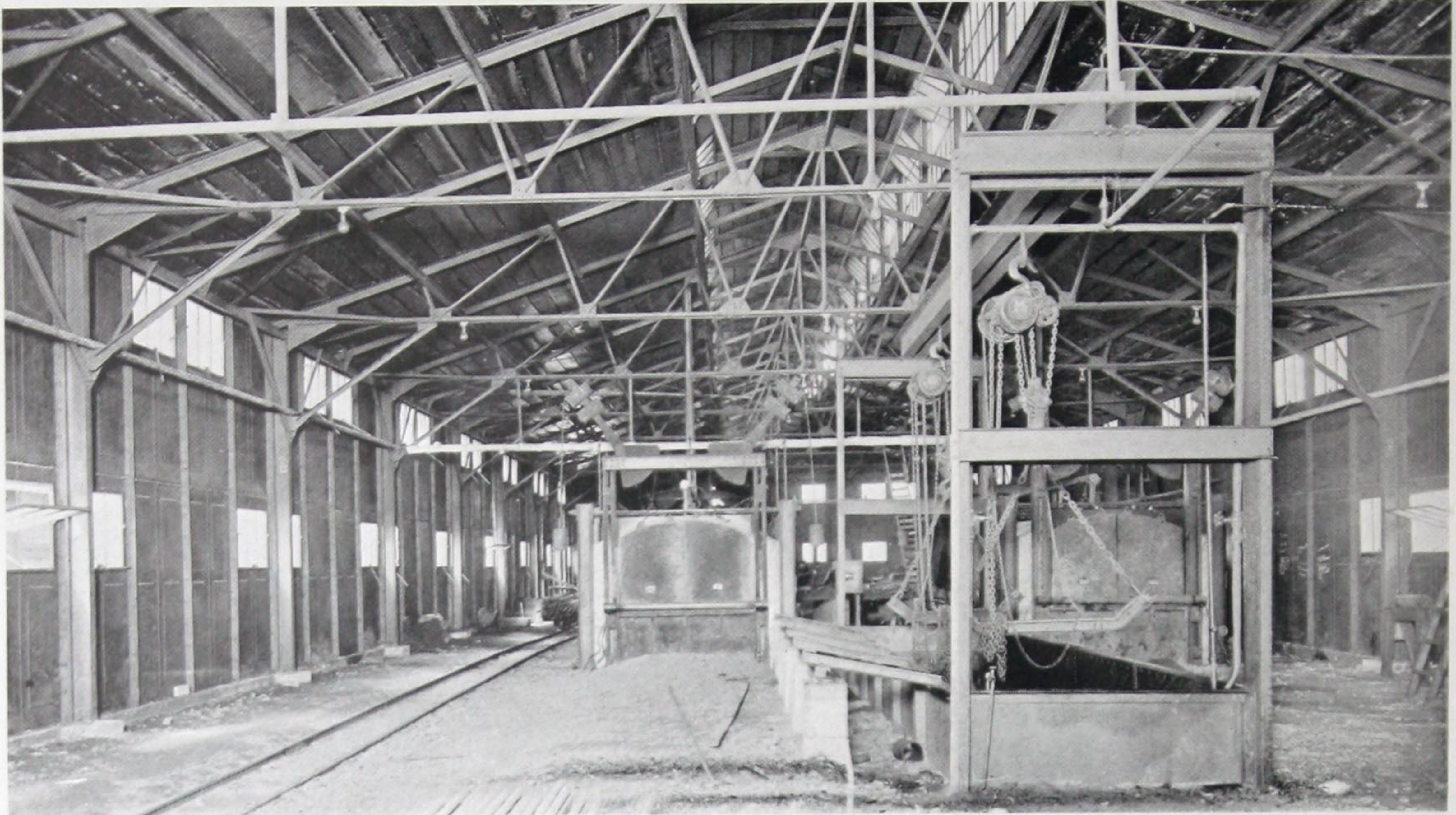
Ventilation is essential in foundry buildings, and for this or similar uses our monitor types or other types with lantern are the most efficient. The complete choice of sizes and ar-

rangements available in Truscon Standard Buildings, as well as their practicability and economy, has resulted in their extensive use for foundry purposes.



Morris Foundry Co., Cincinnati, O. Truscon Standard Building, Type 2 (Note special framing to carry monorail).

TRUSCON STANDARD BUILDINGS

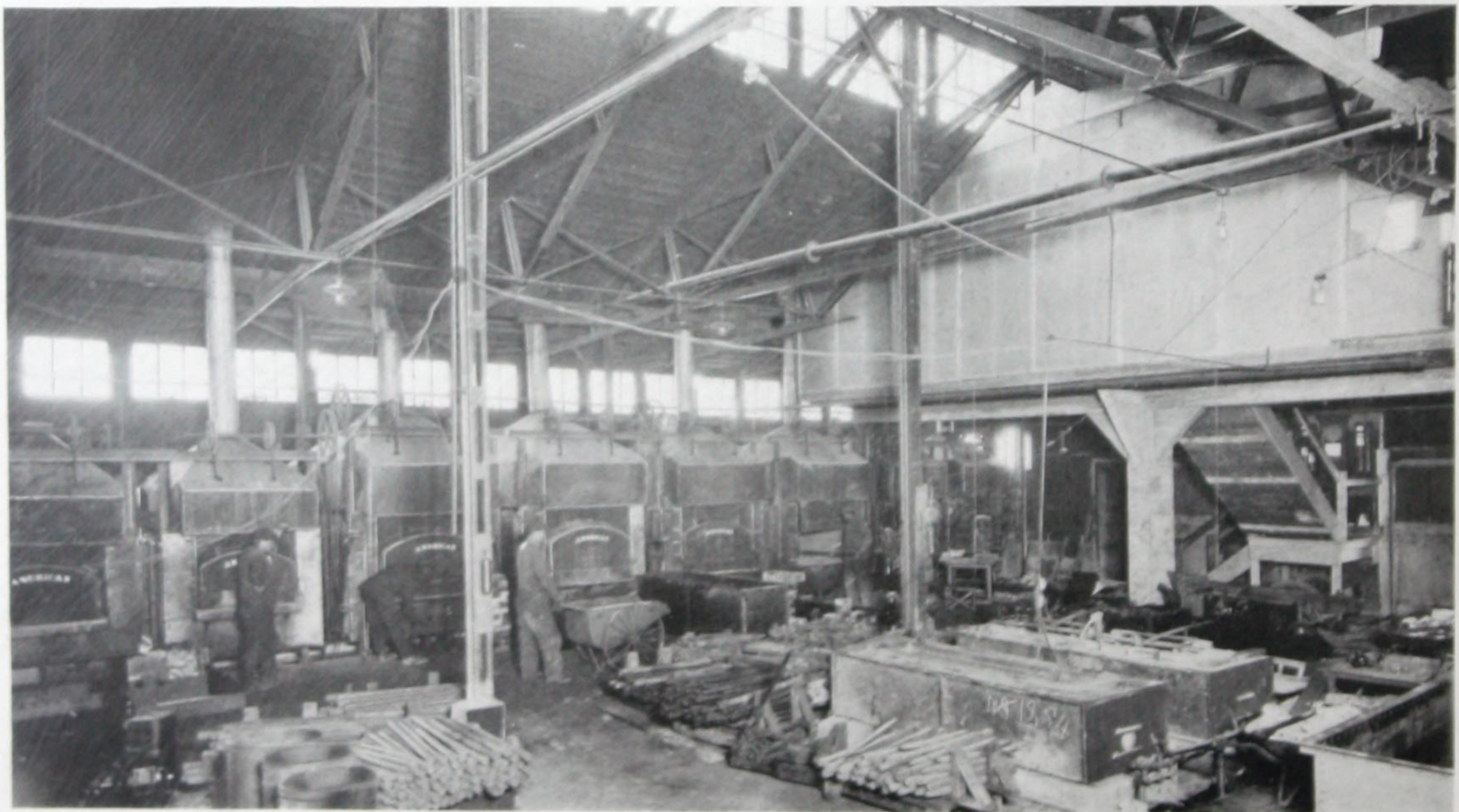


Interstate Iron & Steel Co., E. Chicago, Ind. Truscon Standard Building, Type 1 with Lantern, 50' 0" clear span

HEAT TREATING BUILDINGS

The heat treatment of metal has become an important part of modern industry, and many manufacturers are erecting buildings for this purpose. The thorough way in which Truscon

Standard Buildings meet this specialized use is shown by the many buildings we have furnished. Fireproofness, flexibility, economy and high salvage value are some of the advantages.



Montgomery Chemical Co., Detroit, Mich. Truscon Standard Building, Type 2 with Lantern, 60' 0" x 108' 0"

TRUSCON STEEL COMPANY



Maryland Bolt & Forge Co., Mt. Washington, Md. Truscon Standard Building Type 3, 80' 0" x 100' 0"

WAREHOUSES

Undoubtedly the largest use for Truscon Standard Buildings has been as warehouses, for storage of incoming materials, finished products, unused machinery and commodities

of all kinds. Buildings of every type and size have been furnished, from those having an area of a few hundred feet to those of nearly two acres.



Ford Motor Co., Detroit, Mich. Truscon Standard Building Type 4, 80' 0" x 796' 0"

TRUSCON STANDARD BUILDINGS

Auxiliary Industrial Buildings



Dining Room of General Motors Corp. (Buick Division) Flint, Michigan. Truscon Standard Building—Size 50' 0" x 92' 0"

CAFETERIAS AND LUNCH ROOMS

Industrial dining rooms are no longer novelties. A prominent manufacturer of the middle west writes of his dining room as follows: "It has resulted in better health, greater personal resourcefulness, social equipment, earning pow-

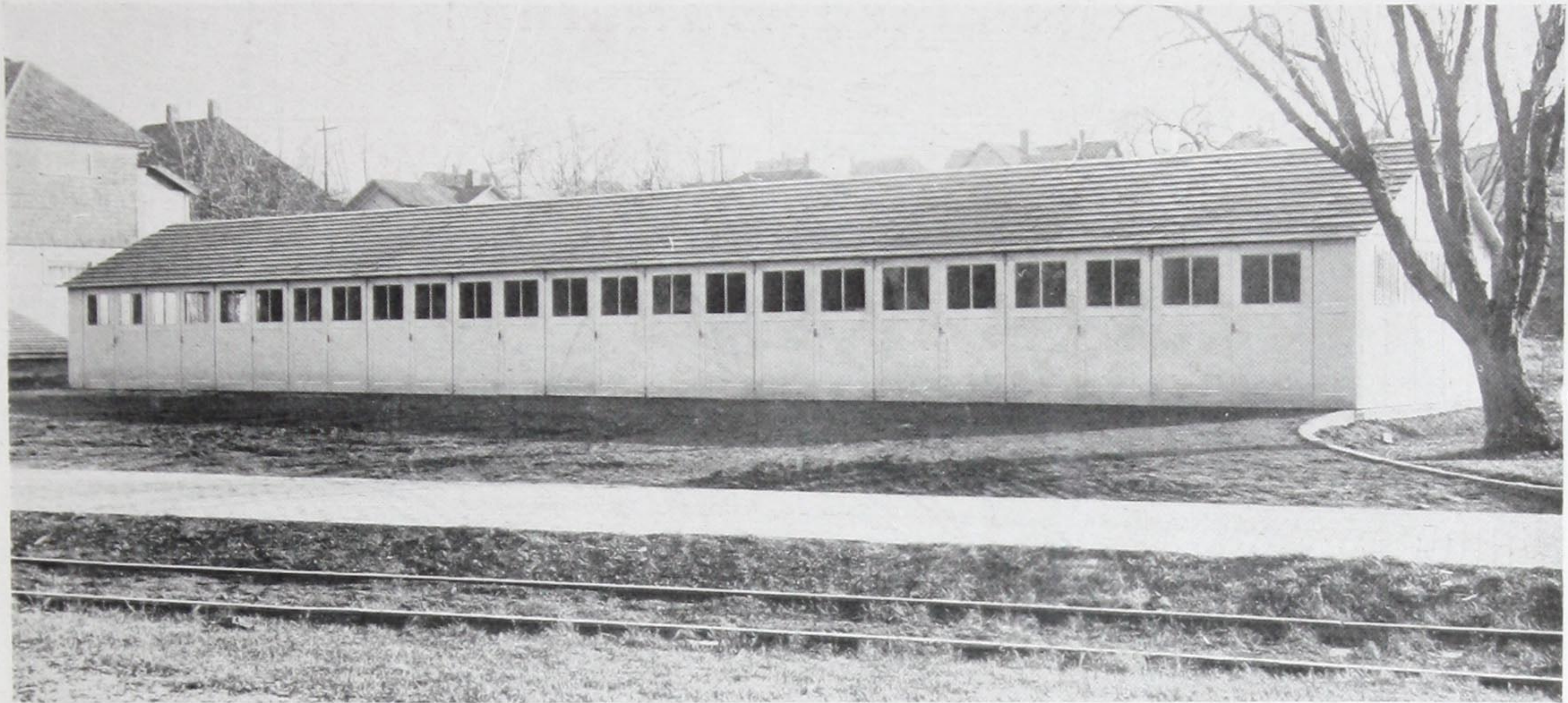
er and happiness of our employees. It is not philanthropy or charity, but good business." The advantages of Truscon Standard Buildings for dining rooms have been recognized in their adoption by leading manufacturers.



1500 people lunch at one time in this Truscon Standard Building—equipped as a cafeteria by Great Lakes Engineering Works, Ecorse, Mich.—Dining Room 60' 0" x 316' 0" with kitchen adjoining 60' 0" x 92' 0". SMITH, HINCHMAN AND GRYLLS, ARCHTS and ENGS.

TRUSCON STEEL COMPANY

Auxiliary Industrial Buildings



12 Car Factory Garage, Battle Creek Paper Co., Battle Creek, Michigan. Truscon Standard Building.

GARAGES, HOSPITALS, TIME OFFICES, ETC.

In modern factories, garages are provided for the automobiles of officials and employees. Truscon Standard Buildings (furnished with or without doors) are ideal because of their fire-proofness, economy and flexibility in size. Manufacturers also find first-aid hospitals a

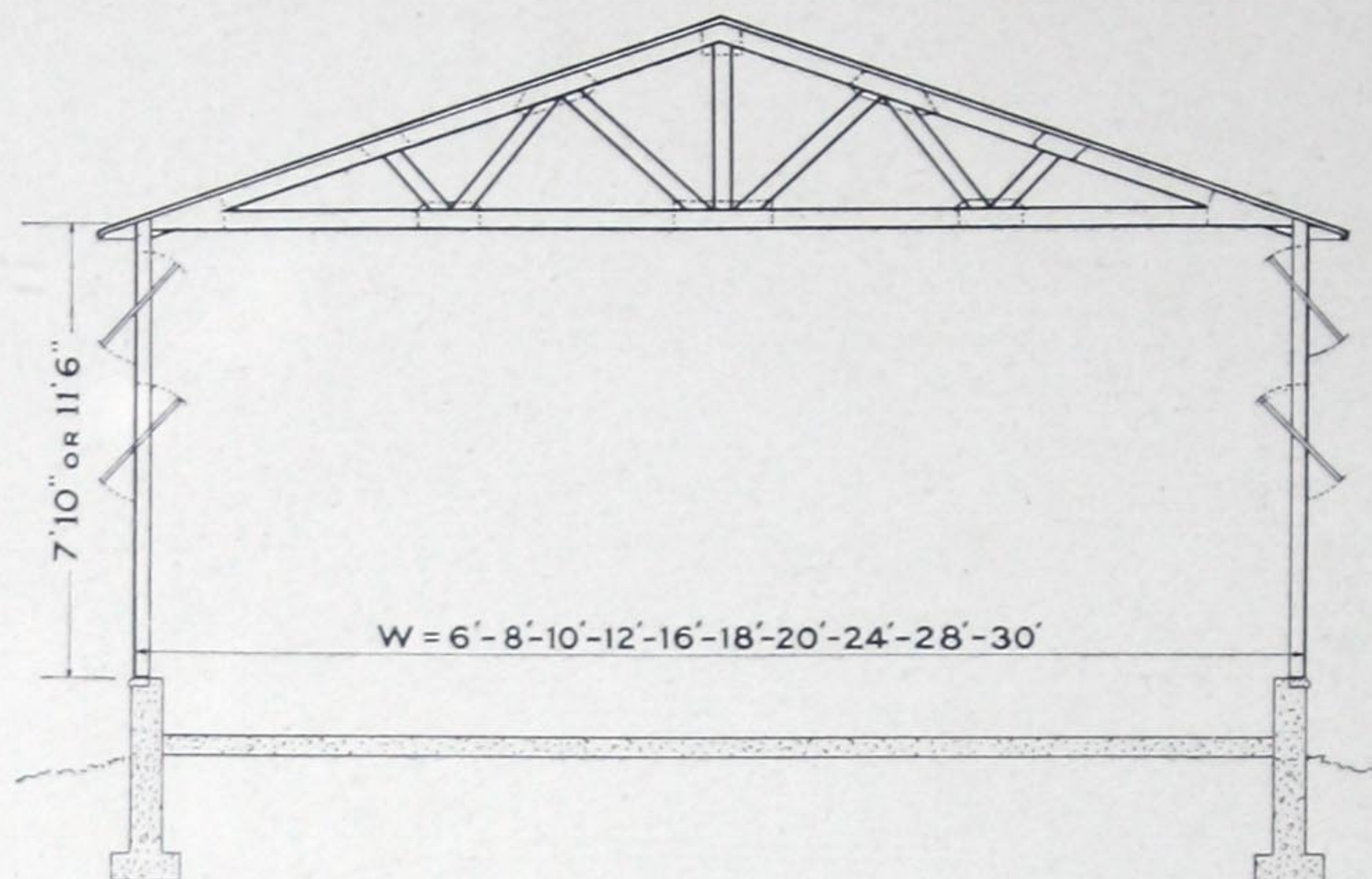
decided advantage in maintaining the health of employees and are using Truscon Standard Buildings to a considerable extent for this purpose. Numerous other uses of auxiliary nature are also found for these buildings as time offices, filing rooms, printing plants, receiving rooms, etc.



Factory Hospital—Truscon Standard Building

TRUSCON STANDARD BUILDINGS

Type 1 (Clear Span) Truscon Standard Buildings



Cross Section Diagram of Type 1 Building; spans 6' 0" to 30' 0".

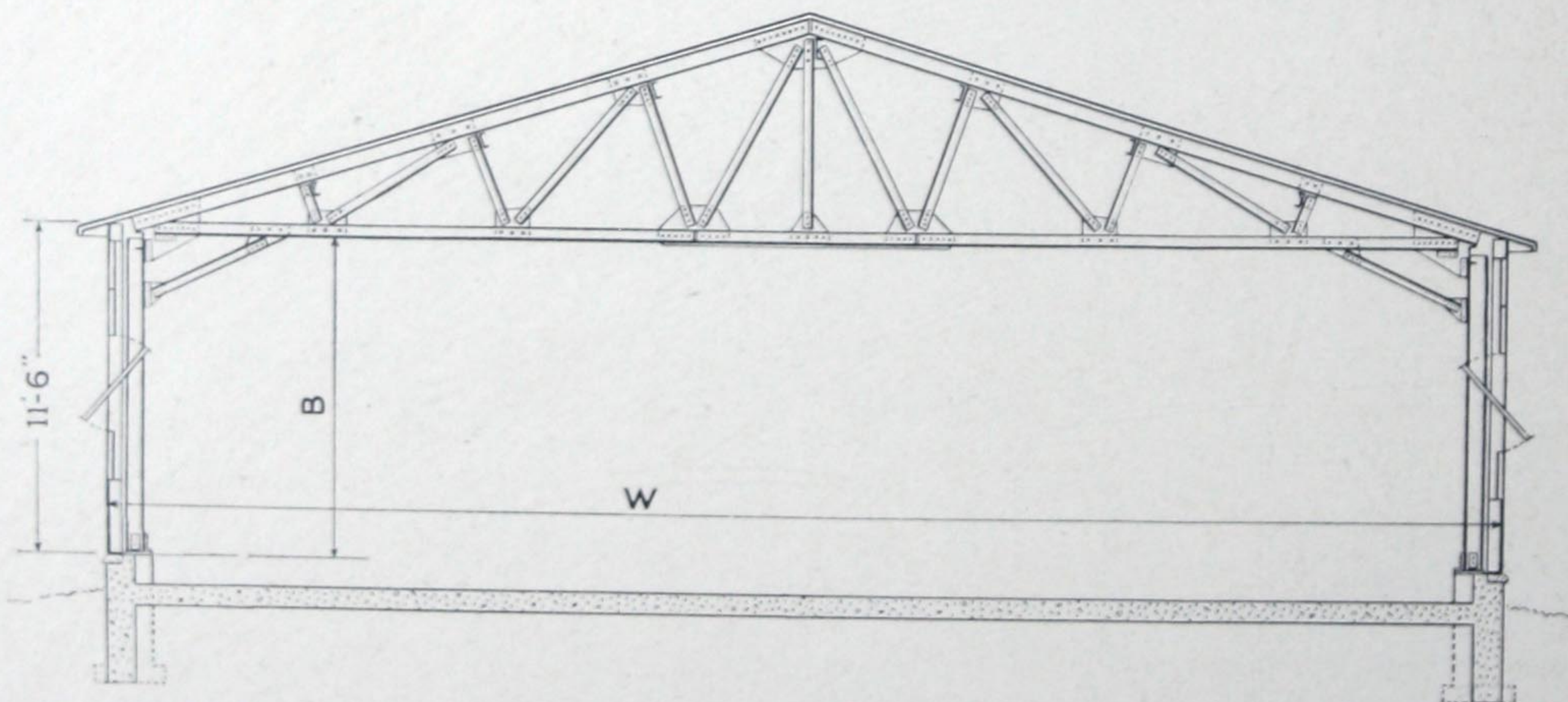
Type 1 Buildings are furnished in the following widths (W): 6' 0", 8' 0", 10' 0", 12' 0", 16' 0", 18' 0", 20' 0", 24' 0", 28' 0", 30' 0", 40' 0" and 50' 0" and with either 11' 6" or 7' 10" side walls. Additional head room may be obtained by varying heights of curb.

STANDARD LENGTHS: Any multiple of 2' 0".

LANTERN 12' 0" wide can be placed astride the ridge of any Type 1 Buildings which are 40' 0" or more in width. See pages 30 and 39.

CANOPY with 6' 0" or 9' 0" overhang can be provided along the sides of any Type 1 Building. See pages 32 and 39.

NOTE: All trusses are designed of proper strength for each span to support standard roof load; diagrams only indicate typical designs. Trusses 6' 0" to 30' 0" in span are of pressed steel; trusses 40' 0" and 50' 0" in span are of structural steel. Foundations may be of any suitable construction and are particularly economical because of light weight of Truscon Standard Buildings.



Cross Section Diagram of Type 1 Building; spans 40' 0" and 50' 0".

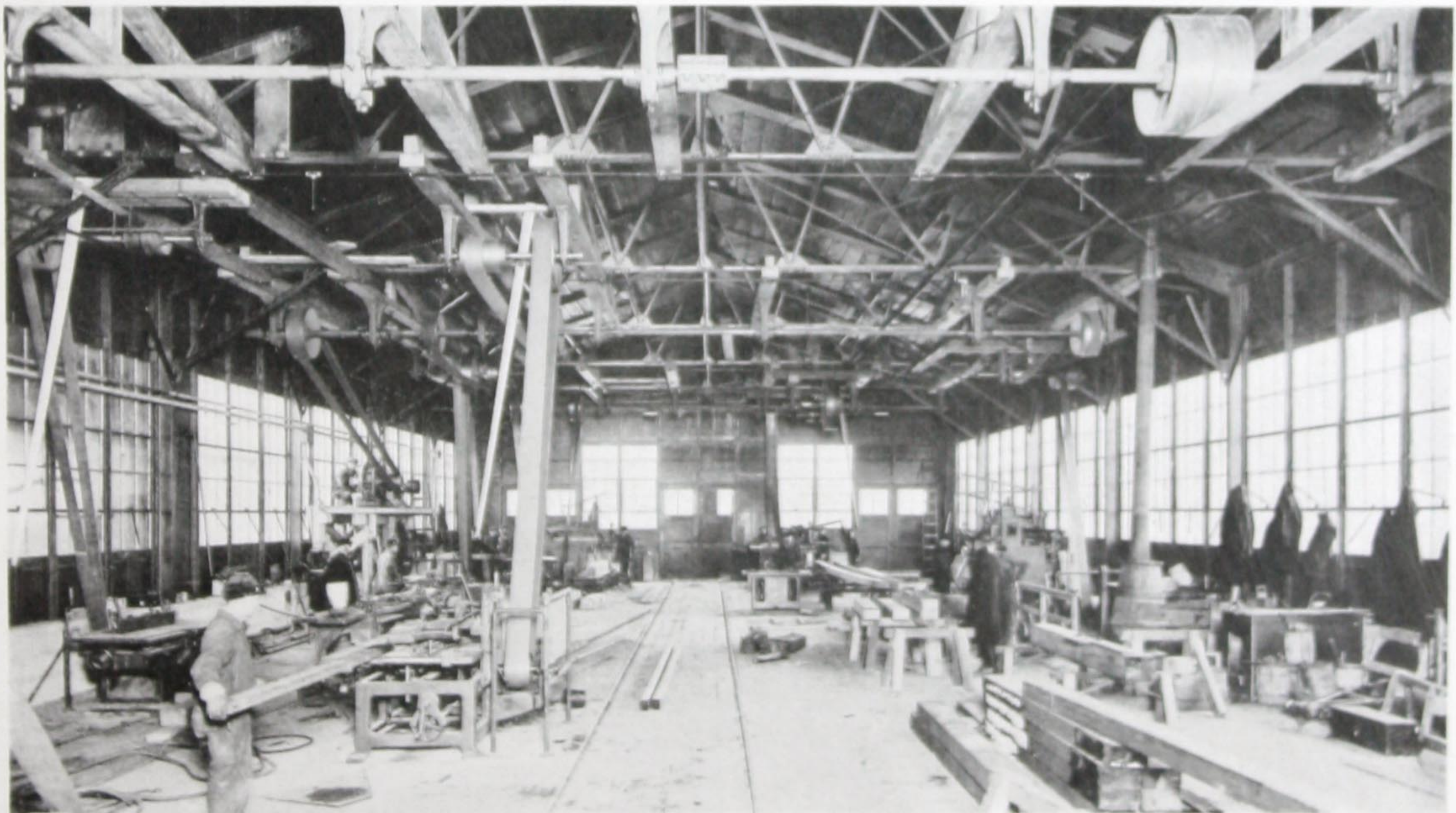
TRUSCON STEEL COMPANY



Parke, Davis & Co., Detroit, Mich. Truscon Standard Building, Type I, 28' 0" x 440' 0"

Parke, Davis & Co. say: "The Truscon Standard Building, which we recently purchased from you, seems to be entirely satisfactory, and we are very well pleased with the manner in which you handled this order. * * *

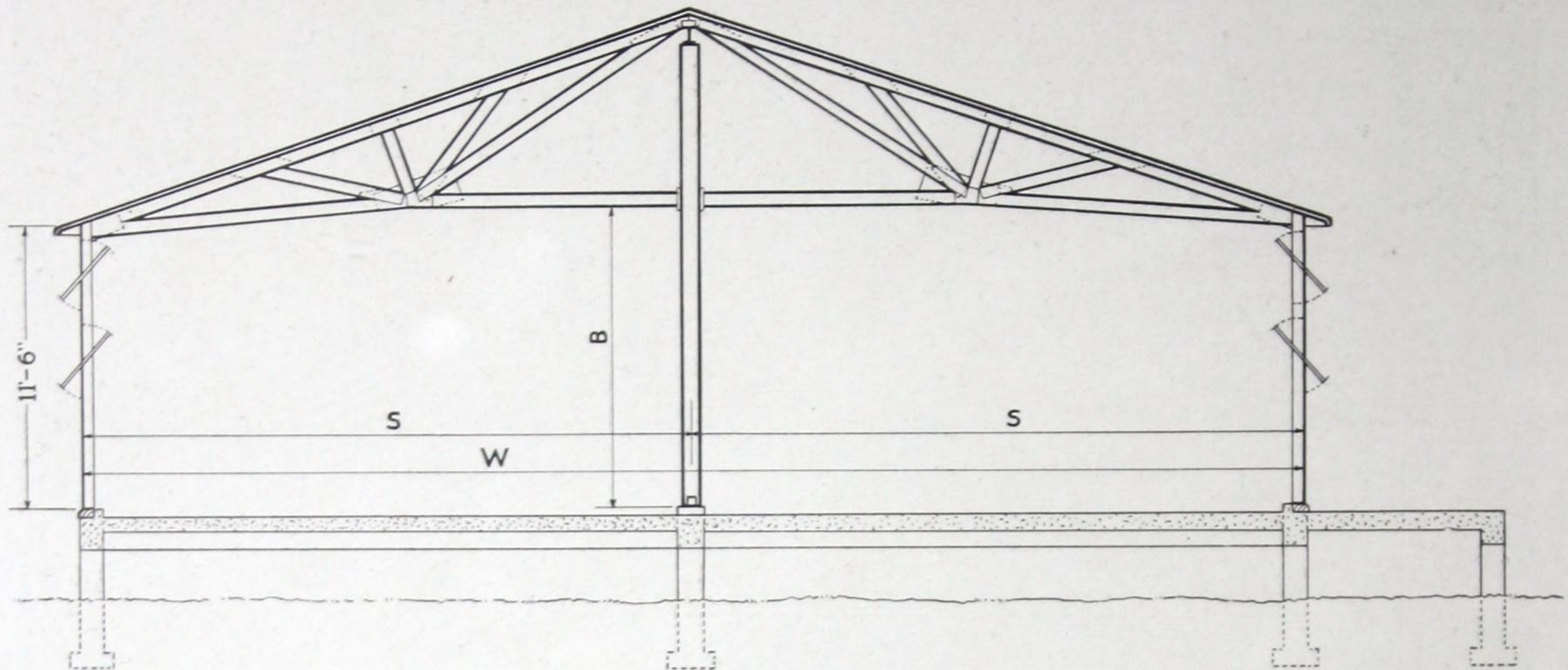
"In so far as the erection of same is concerned, the work was carried on as rapidly as we expected, and we, of course, found the speed of construction much faster than any other type of building which we could secure. * * *



Planing Mill, Empire Car Shops, A. T. & S. F. Ry., Chicago, Ill. Type I, Truscon Standard Building—50' 0" clear span

TRUSCON STANDARD BUILDINGS

Type 2 (Two Bay) Truscon Standard Buildings



Cross Section Diagram of Type 2 Building

In Type 2 Buildings there is one line of columns spaced 16' 0" centers along the length.

Width of Building W	Width of Side Bays S	*Clear Height B
40' 0"	20' 0"	*11' 10 ³ / ₈ "
50' 0"	25' 0"	*11' 11 ³ / ₈ "
60' 0"	30' 0"	*12' 1 1/2"

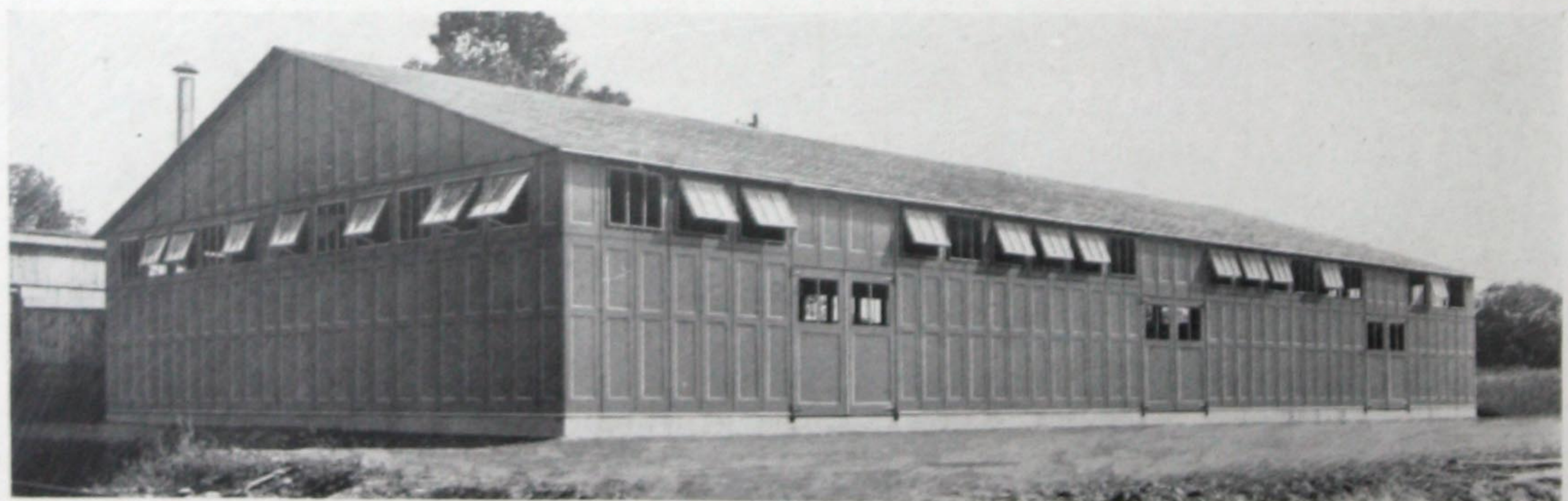
*For 7' 10" side walls deduct 3' 8". Additional head room may be obtained by varying heights of curb.

STANDARD LENGTHS: Any multiple of 2' 0".

LANTERN 12' 0" wide can be placed astride the ridge of any Type 2 Building. See Pages 30 and 39.

CANOPY with 6' 0" or 9' 0" overhang can be provided along the sides of any Type 2 building. See Pages 32 and 39.

NOTE: All trusses are designed of proper strength for each span to support standard roof load; diagrams only indicate typical designs. Foundations may be of any suitable construction and are particularly economical because of the light weight of Truscon Standard Buildings.



Norton Co., Worcester, Mass. Type 2, Truscon Standard Building

TRUSCON STEEL COMPANY



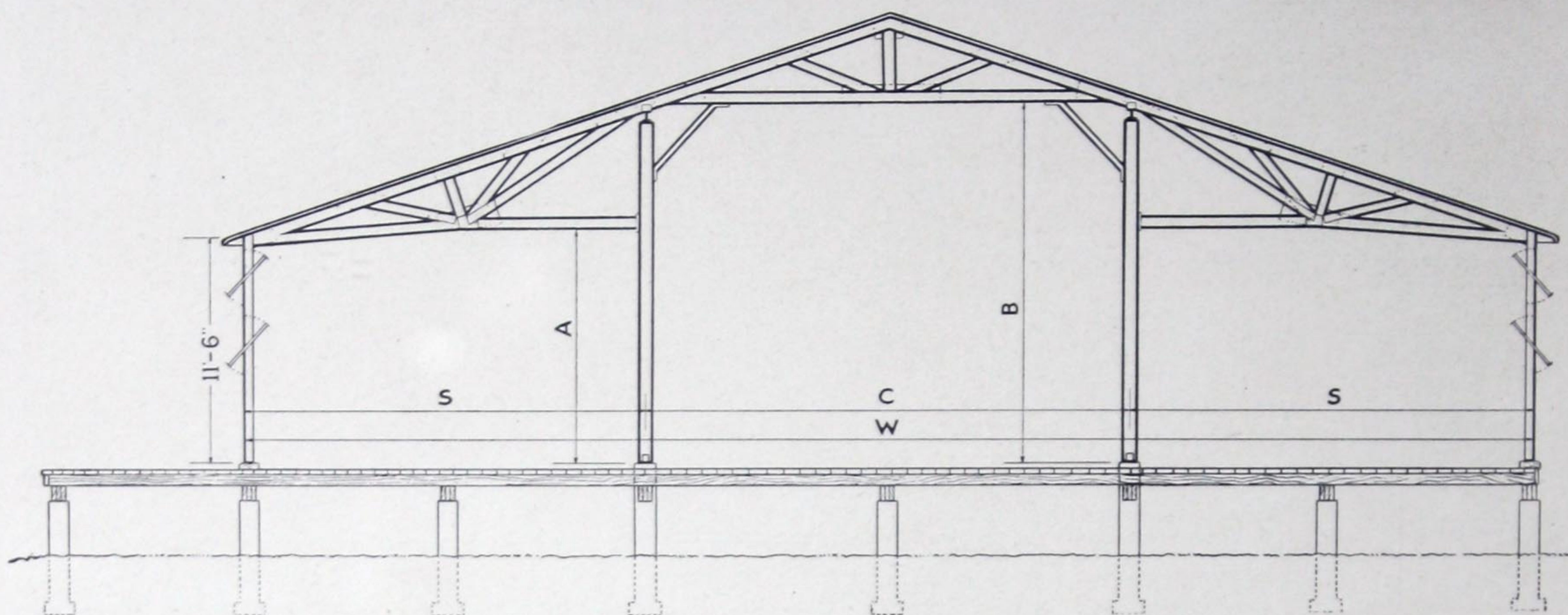
Paint Shop and Warehouse, New York Shipbuilding Corporation, Camden, New Jersey. Type 2, Truscon Standard Building



*Warehouse, Hisey Wolf Machine Co., Cincinnati, Ohio. Type 2, Truscon Standard Building
40' 0" x 200' 0"*

TRUSCON STANDARD BUILDINGS

Type 3 (Three Bay) Truscon Standard Buildings



Cross Section Diagram of Type 3 Building

Type 3 Buildings have two lines of columns spaced 16' 0" centers along the length.

Width of Building W	Width of Side Bays S	Width of Center Bays C	*Clear Height of Side Bays A	*Clear Height of Center Bays B
50' 0"	16' 0"	18' 0"	*11' 8 ⁵ / ₈ "	*15' 6"
52' 0"	16' 0"	20' 0"	*11' 8 ⁵ / ₈ "	*15' 6"
56' 0"	16' 0"	24' 0"	*11' 8 ⁵ / ₈ "	*15' 6"
60' 0"	16' 0"	28' 0"	*11' 8 ⁵ / ₈ "	*15' 6"
58' 0"	20' 0"	18' 0"	*11' 10 ³ / ₈ "	*16' 10"
60' 0"	20' 0"	20' 0"	*11' 10 ³ / ₈ "	*16' 10"
64' 0"	20' 0"	24' 0"	*11' 10 ³ / ₈ "	*16' 10"
68' 0"	20' 0"	28' 0"	*11' 10 ³ / ₈ "	*16' 10"
70' 0"	20' 0"	30' 0"	*11' 10 ³ / ₈ "	*16' 10"
74' 0"	25' 0"	24' 0"	*11' 11 ⁷ / ₈ "	*18' 6"
78' 0"	25' 0"	28' 0"	*11' 11 ⁷ / ₈ "	*18' 6"
80' 0"	25' 0"	30' 0"	*11' 11 ⁷ / ₈ "	*18' 6"
84' 0"	30' 0"	24' 0"	*12' 1 ¹ / ₂ "	*20' 2"
90' 0"	30' 0"	30' 0"	*12' 1 ¹ / ₂ "	*20' 2"

*For 7' 10" side walls deduct 3' 8". Additional head room may be obtained by varying heights of curb.

STANDARD LENGTHS: Any multiple of 2' 0".

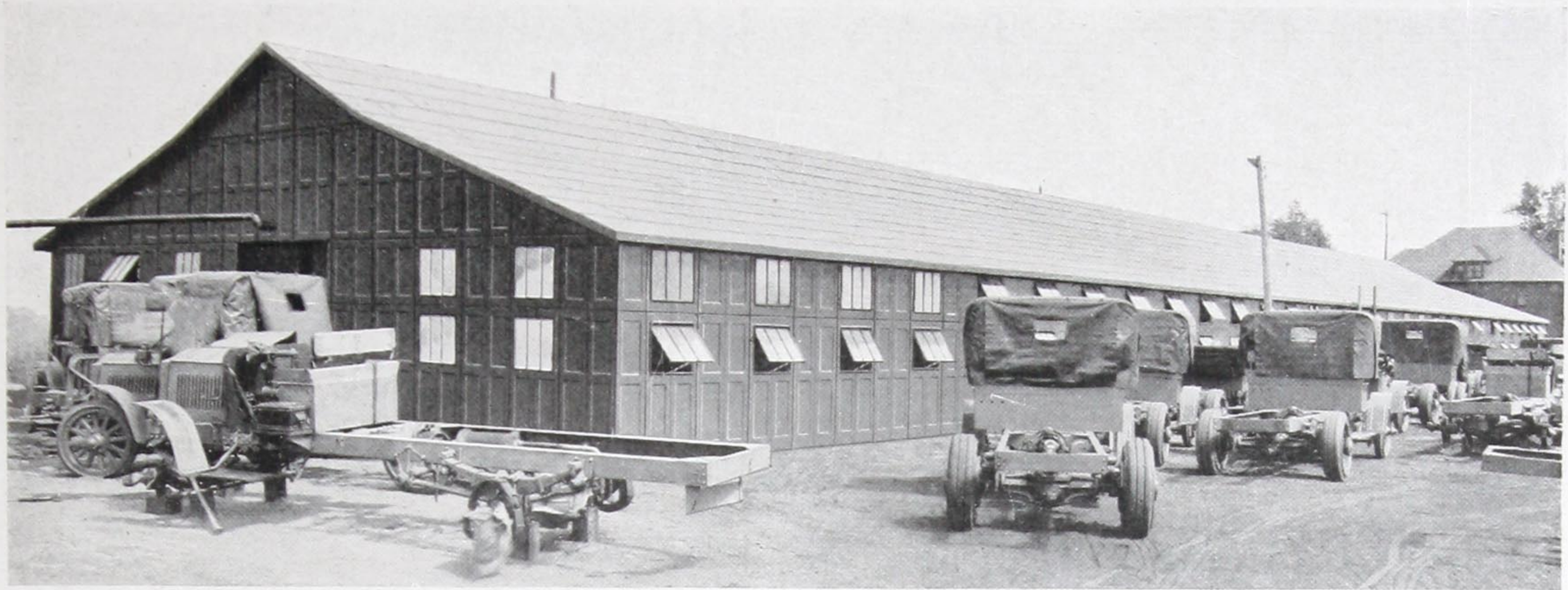
LANTERN: 12' 0" wide can be placed astride the ridge of any Type 3 Building. See Pages 30 and 39.

CANOPY with 6' 0" or 9' 0" overhang can be

provided along the sides of any building. See Pages 32 and 39.

NOTE: All trusses are designed of proper strength for each span to support standard roof load; diagrams only indicate typical designs. Foundations may be of any suitable construction and are particularly economical because of light weight of Truscon Standard Buildings.

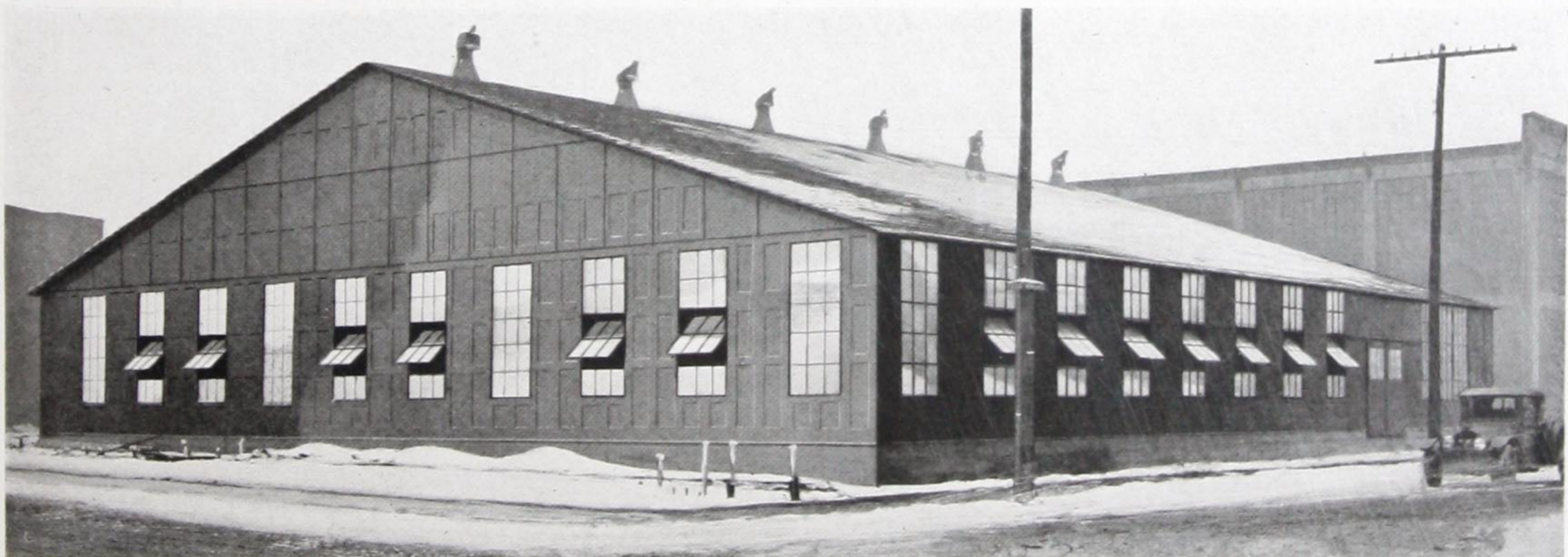
TRUSCON STEEL COMPANY



Truck Storage Building, Packard Motor Car Co., Detroit, Mich. Truscon Standard Building, Type 3, 60' 0" x 252' 0"



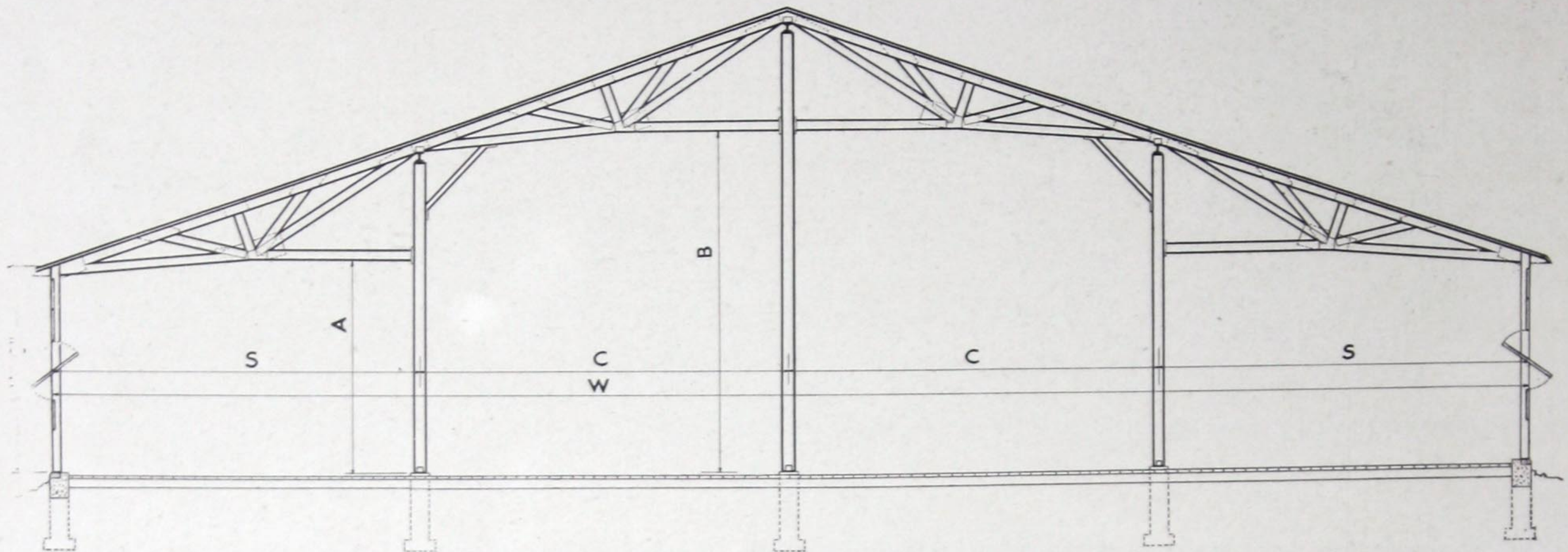
Excellent Daylighting of Interior of 60' 0" wide, Type 3, Truscon Standard Building



American Electrical Heater Co., Detroit, Mich. Truscon Standard Building, Type 3, 84' 0" x 96' 0"

TRUSCON STANDARD BUILDINGS

Type 4 (Four Bay) Truscon Standard Buildings



Cross Section Diagram of Type 4 Building

Type 4 Buildings have three lines of columns spaced 16' 0" centers along the length.

Width of Building W	Width of Side Bays S	Width of Center Bays C	Clear Height of Side Bays *A	Clear Height of Center Bays *B
80' 0"	20' 0"	20' 0"	*11' 10 ³ / ₈ "	*16' 10"
100' 0"	25' 0"	25' 0"	*11' 11 ⁷ / ₈ "	*18' 6"

*For 7' 10" side walls deduct 3' 8". Additional head-room may be obtained by varying heights of curb.

STANDARD LENGTHS: Any multiple of 2' 0".

LANTERN: 12' 0" wide can be placed astride the ridge of any Type 4 Building. See Pages 30 and 39.

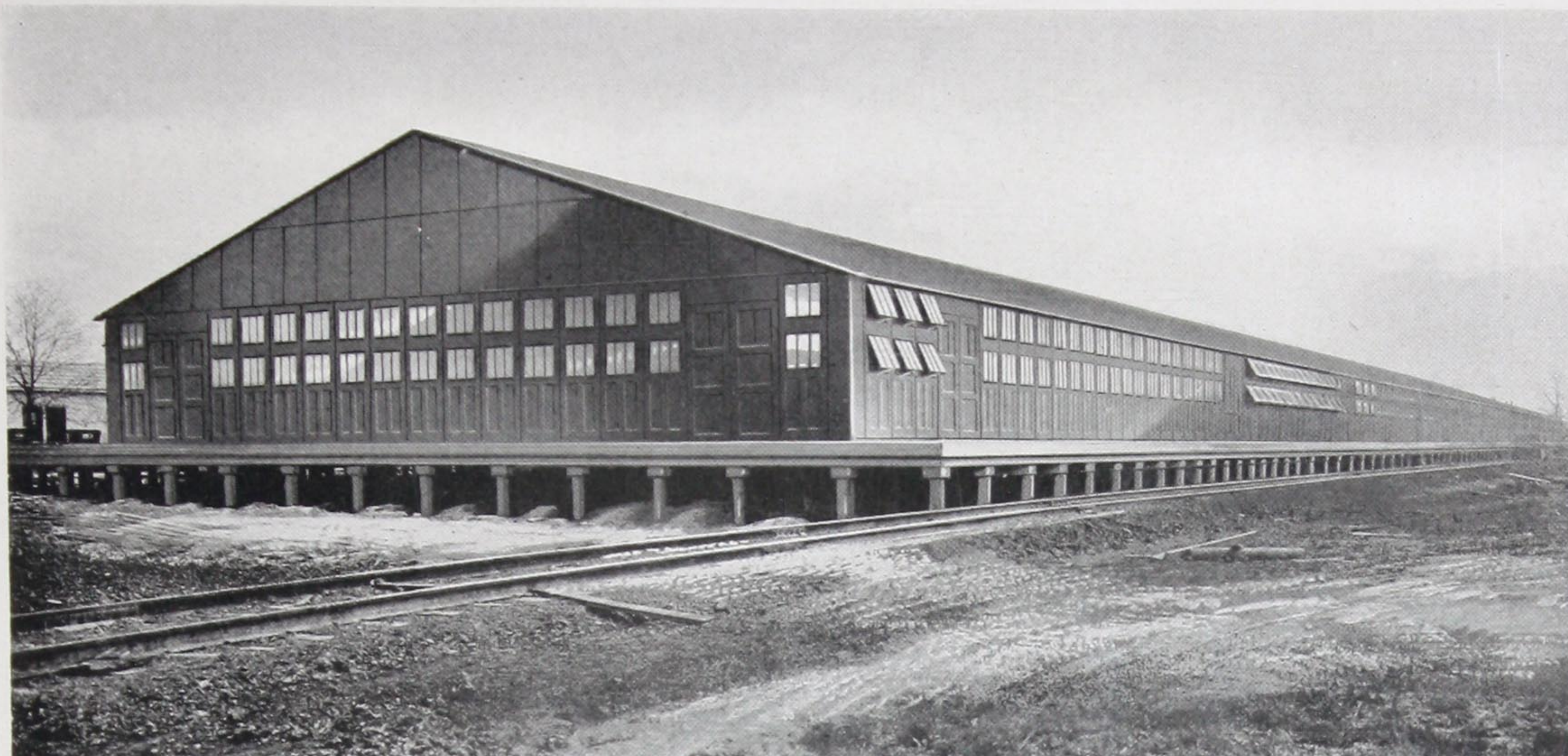
CANOPY with 6' 0" or 9' 0" overhang can be provided along the sides of any building. See Pages 32 and 39.

NOTE: All trusses are designed of proper strength for each span to support standard roof load; diagrams only indicate typical designs. Foundations may be of any suitable construction and are particularly economical because of light weight of Truscon Standard Buildings.



Mahoning Foundry Co., Youngstown, Ohio. Truscon Standard Building, Type 4, over Reinforced Concrete Basement making a 2-story Building

TRUSCON STEEL COMPANY



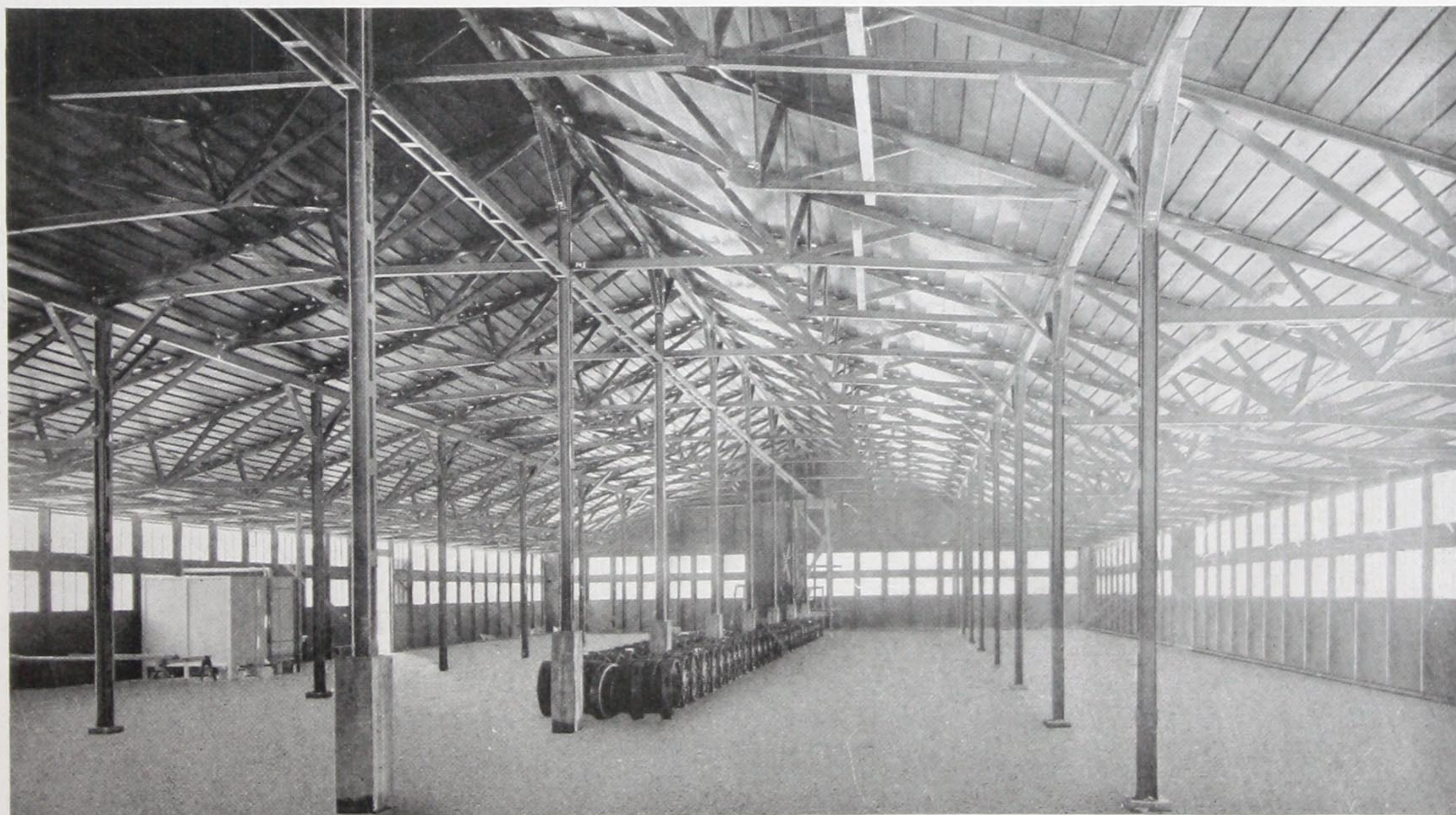
Blast Furnace Plant of Ford Motor Co., Truscon Standard Building, 80' 0" x 796' 0"

Mahoning Foundry Co., Youngstown, Ohio, manufacturers of The Mahoning Heater, write:

"Our Truscon Standard Building was placed on a cement floor over a concrete basement, which makes a two-story building. We have had this built entirely for warehouse purposes, with the exception that we will operate a sheet

metal department and a mounting room for our warm air furnaces on one side near the windows.

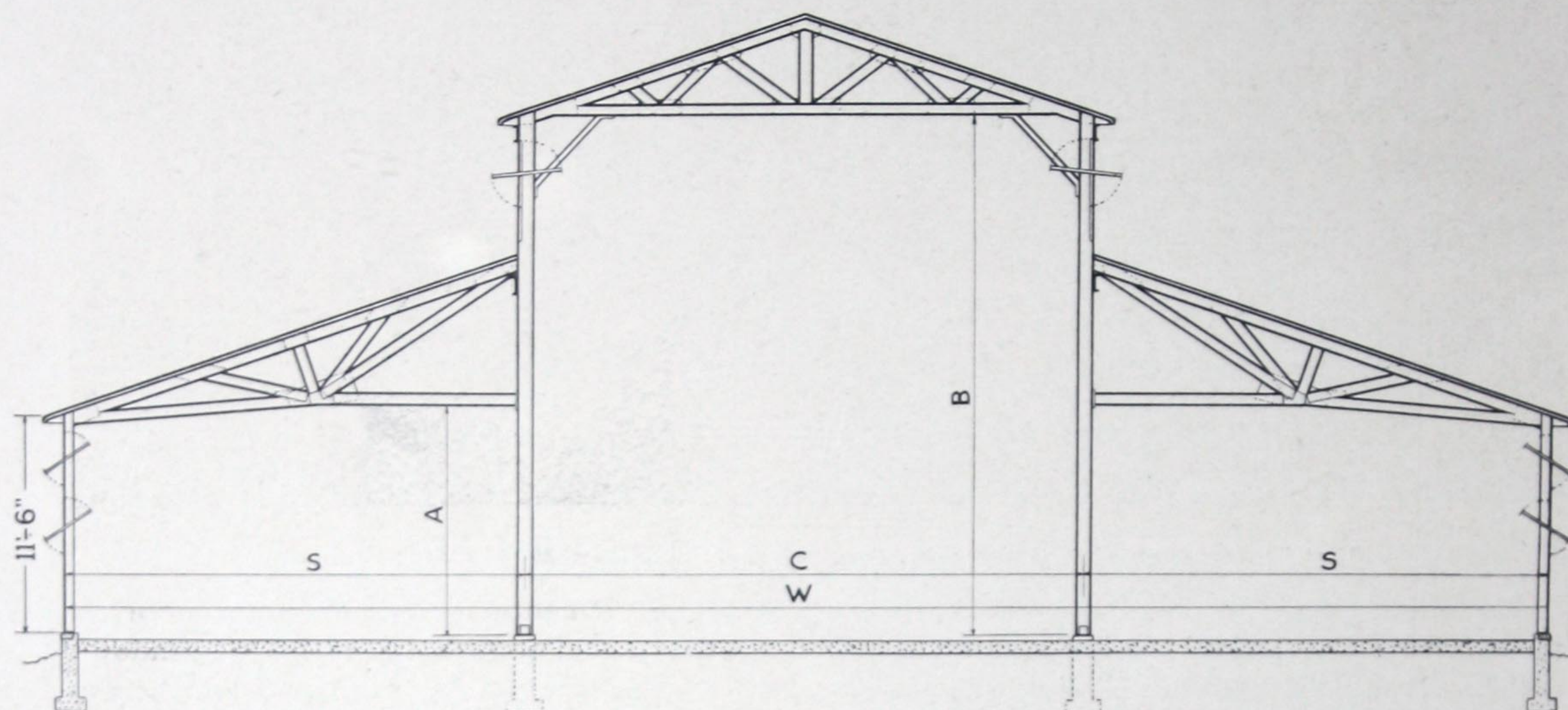
* * * For warehouse purposes, we believe this building is the cheapest obtainable for a fireproof structure. We are making preparations to heat this building with direct steam radiation."



Interior Paige Detroit Motor Car Co., Detroit, Mich. Type 4, Truscon Standard Building, 80' 0" wide. Note excellent daylighting

TRUSCON STANDARD BUILDINGS

Type 3-M (Monitor) Truscon Standard Buildings



Cross Section Diagram of Type 3-M Building

Type 3-M Buildings have two lines of columns spaced 16' 0" centers along the length; the roof

of the center bay is raised so as to make a Monitor, which gives additional light and ventilation.

Width of Building W	Width of Side Bays S	Width of Center Bays C	*Clear Height of Side Bays A	*Clear Height of Center Bays B
60' 0"	20' 0"	20' 0"	*11' 10 ³ / ₈ "	*24' 2"
64' 0"	20' 0"	24' 0"	*11' 10 ³ / ₈ "	*24' 2"
68' 0"	20' 0"	28' 0"	*11' 10 ³ / ₈ "	*24' 2"
70' 0"	20' 0"	30' 0"	*11' 10 ³ / ₈ "	*24' 2"
74' 0"	25' 0"	24' 0"	*11' 11 ⁷ / ₈ "	*25' 10"
80' 0"	25' 0"	30' 0"	*11' 11 ⁷ / ₈ "	*25' 10"
84' 0"	30' 0"	24' 0"	*12' 1 ¹ / ₂ "	*27' 6"
90' 0"	30' 0"	30' 0"	*12' 1 ¹ / ₂ "	*27' 6"

*For 7' 10" side walls deduct 3' 8". Additional head room may be obtained by varying heights of curb.

STANDARD LENGTHS: Add 4' 0" to any multiple of 8' 0".

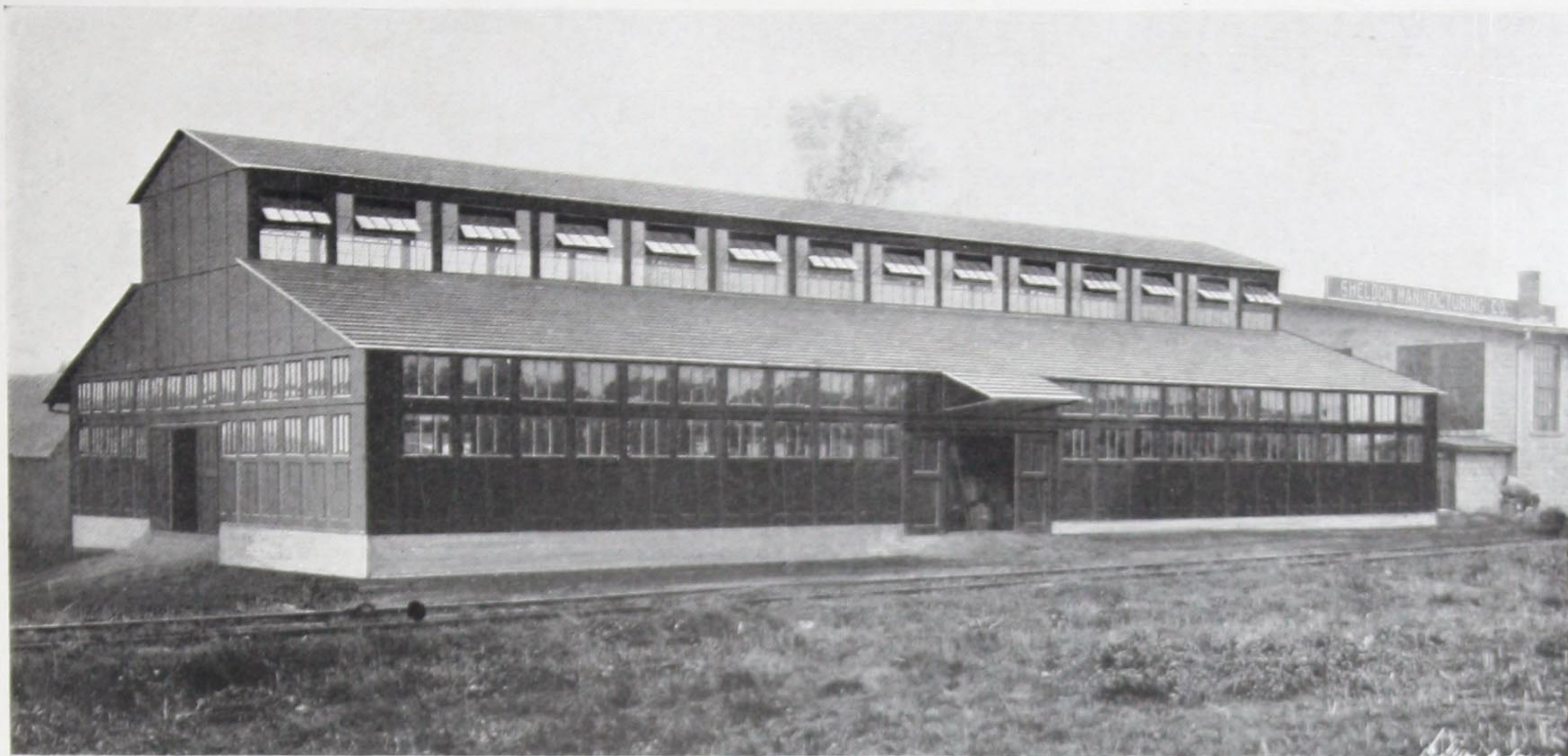
MECHANICAL OPERATOR for Steel Window Ventilators can be furnished if desired.

CANOPY with 6' 0" or 9' 0" overhang can

be provided along the sides of any building. See pages 32 and 39.

NOTE: All trusses are designed of proper strength for each span to support standard roof load; diagrams only indicate typical designs. Foundations may be of any suitable construction and are particularly economical because of light weight of Truscon Standard Buildings.

TRUSCON STEEL COMPANY

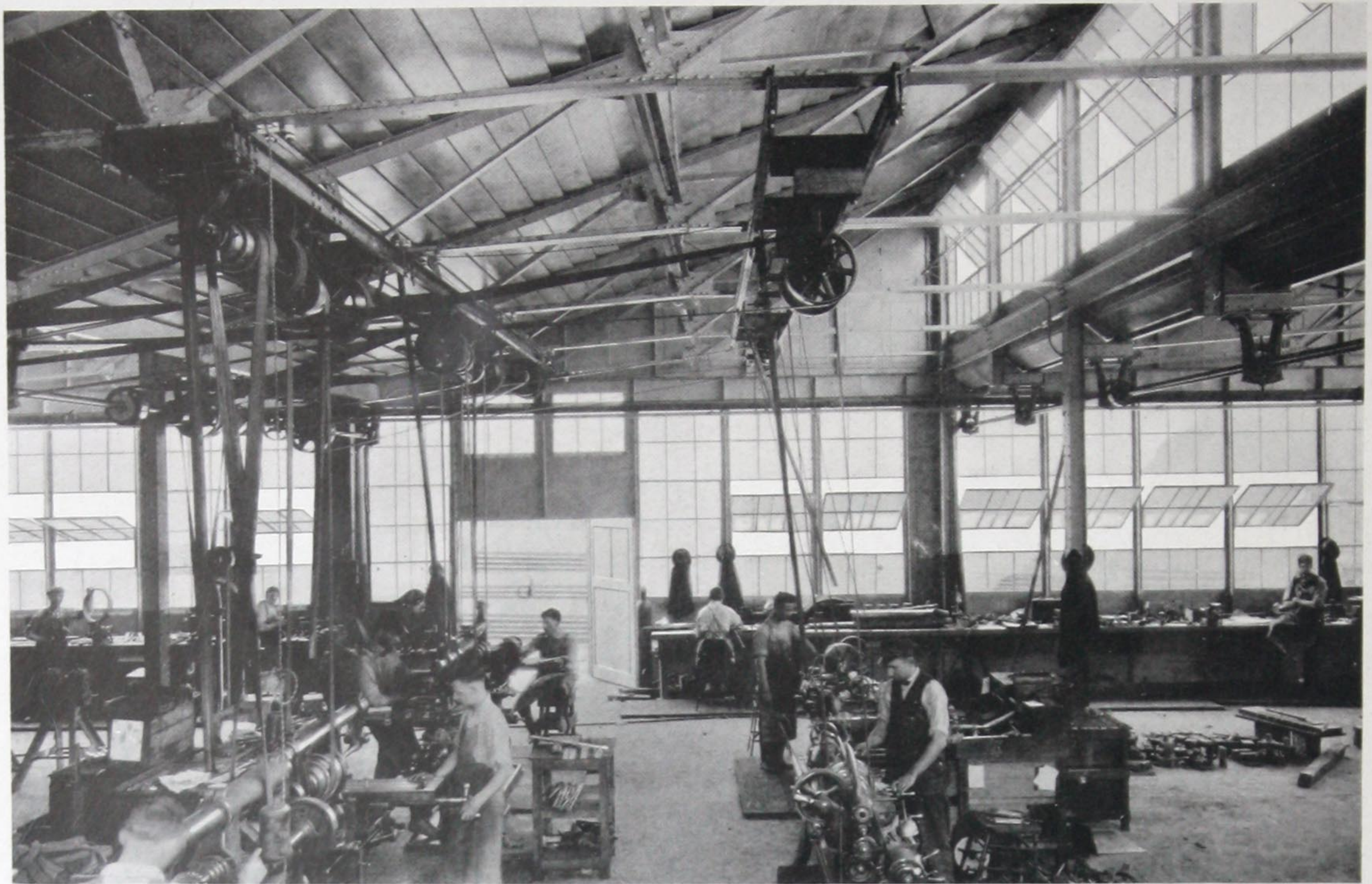


Sheldon Manufacturing Co., Nehawka, Neb. Type 3-M, Truscon Standard Building, 64' 0" x 108' 0"

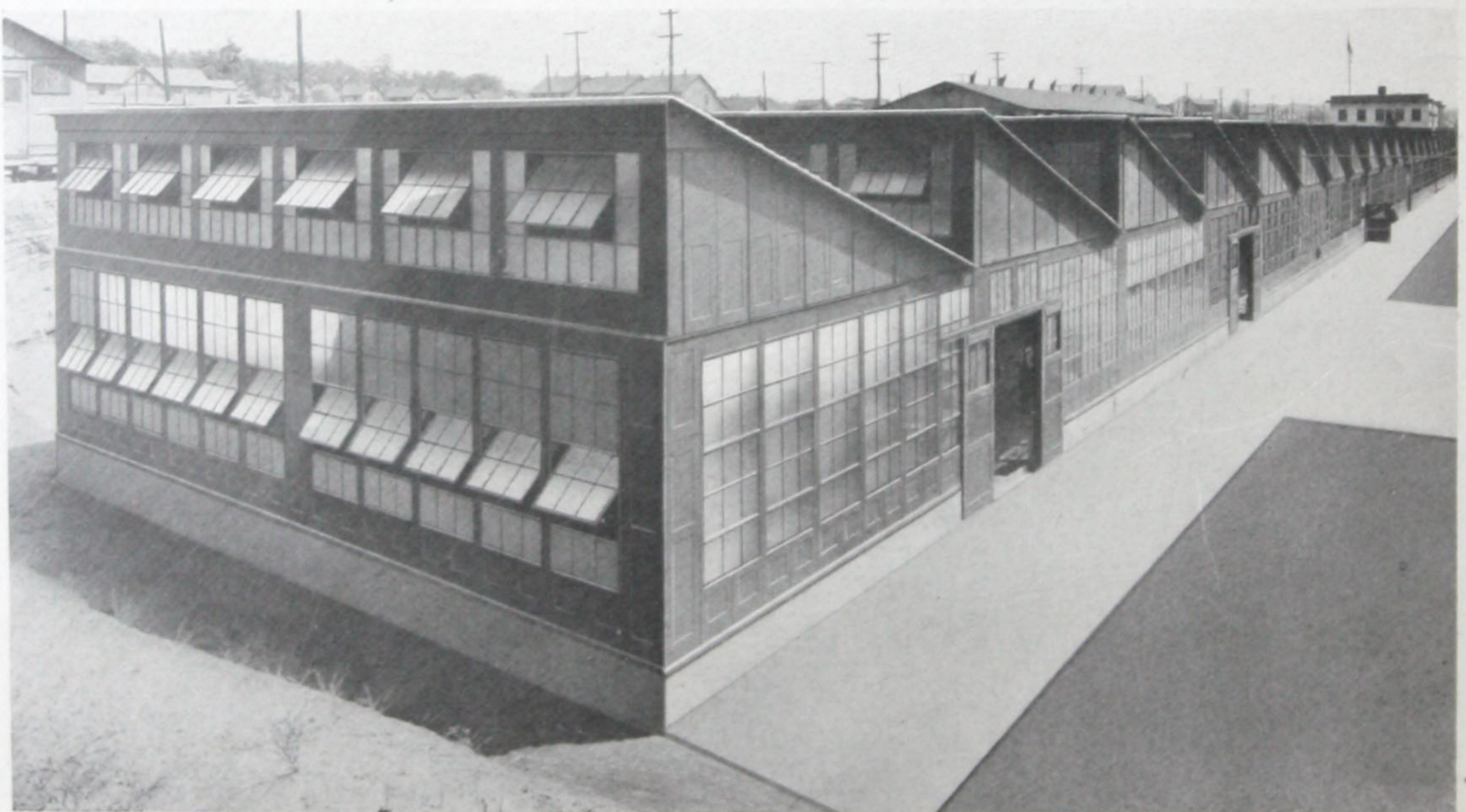


New Orleans Motor Truck Manufacturing Co., Inc., New Orleans, La. Type 3-M, Truscon Standard Building, 70' 0" x 164' 0"

TRUSCON STANDARD BUILDINGS



Perfect daylighting for Machine Shops and Factories. Note simple method of attaching shafting; Sawtooth Type Truscon Standard Building



Machine Shops, Truscon Steel Co., Youngstown, Ohio. 50' 0" x 500' 0", Sawtooth Type Truscon Standard Building

TRUSCON STEEL COMPANY

Sawtooth Type of Truscon Standard Buildings

The Sawtooth Building has many advantages which make it ideal for machine shops and manufacturing purposes. The large expanse of windows in the sawtooth provides perfect daylight. Our standardization of Sawtooth Buildings has developed many desirable improvements which appeal to the manufacturer.

The Truscon Sawtooth Building is easily enlarged by adding bays in any direction, as the columns and trusses are independent of the walls, which are readily taken down and re-erected. Buildings may be of any size in bays

16' 0" x 26' 0", and of any shape—rectangular, L or square. The interchangeable panels permit any arrangement of doors and windows.

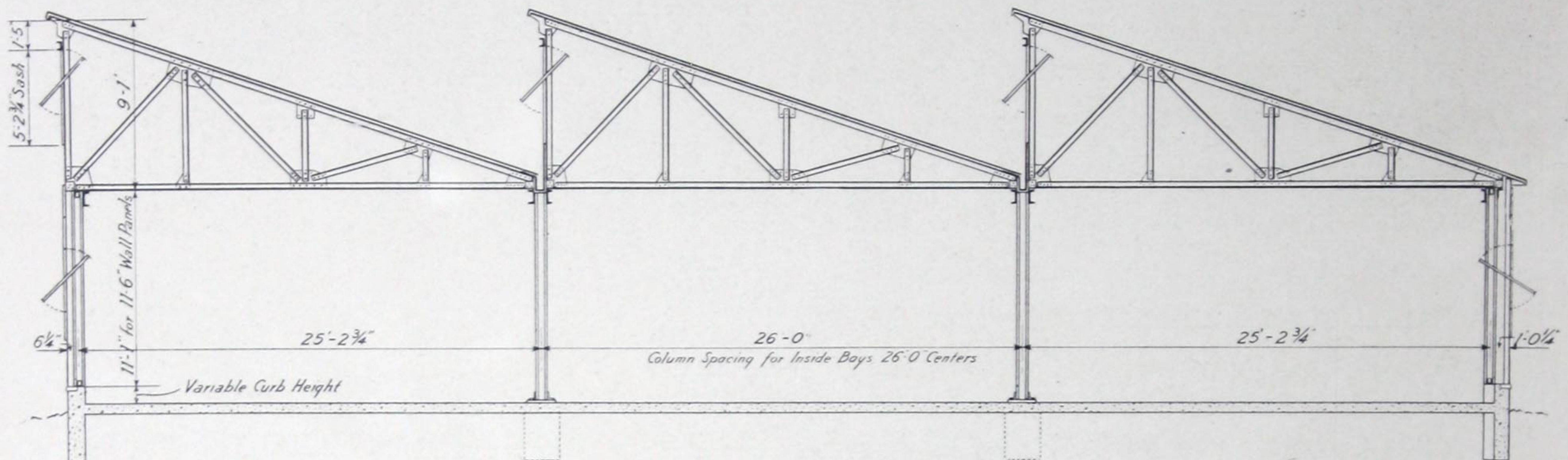
Every part of the building is of steel, insuring fireproofness. The trusses are spaced 8' 0" centers, providing an economical support for shafting, motors, etc. Buildings at any time can be dismantled and re-erected in a new location with 100% salvage. The first cost of Truscon Sawtooth Buildings is less than other permanent constructions.



Mobile Tractor Co., Mobile, Ala. Sawtooth Type Truscon Standard Building.

TRUSCON STANDARD BUILDINGS

Sawtooth Type of Truscon Standard Buildings



Cross Section Diagram of Sawtooth Building. Building may be any number of bays in either direction

Sawtooth Type Buildings have columns spaced 16' 0" centers along the length (direction along face of sawtooth) and 26' 0" centers across the width.

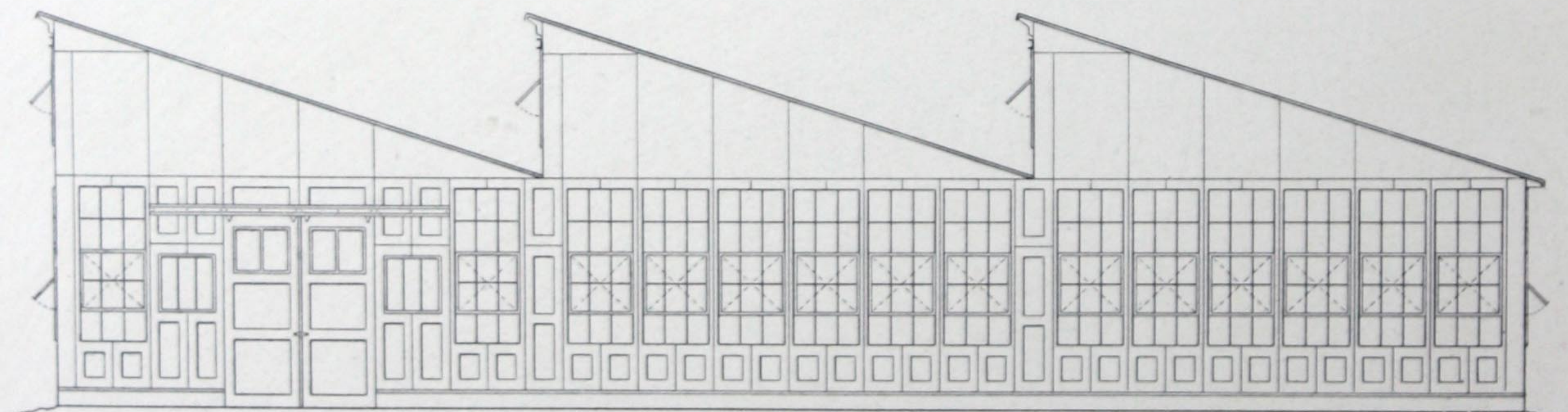
STANDARD LENGTHS: Add or subtract 2' 0" from any multiple of 16' 0".

STANDARD WIDTHS: Any multiple of 26' 0".

Wall panels 11' 6" high allow a height of 11' 1" between top of curb and bottom

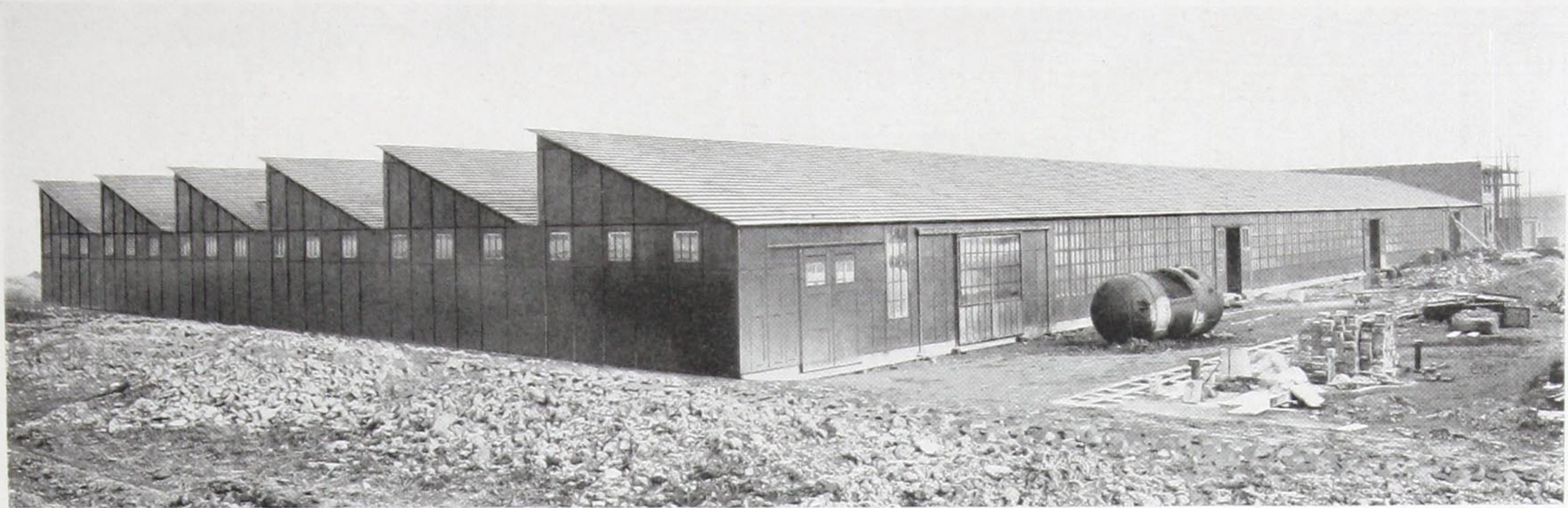
of truss. For 7' 10" wall panels deduct 3' 8". Additional head room may be obtained by varying heights of curb.

Trusses are of structural steel, 26' 0" span and spaced 8' 0" centers. Trusses are designed to carry 1000 lbs. superimposed load at any one lower chord panel point, in addition to the standard roof load.

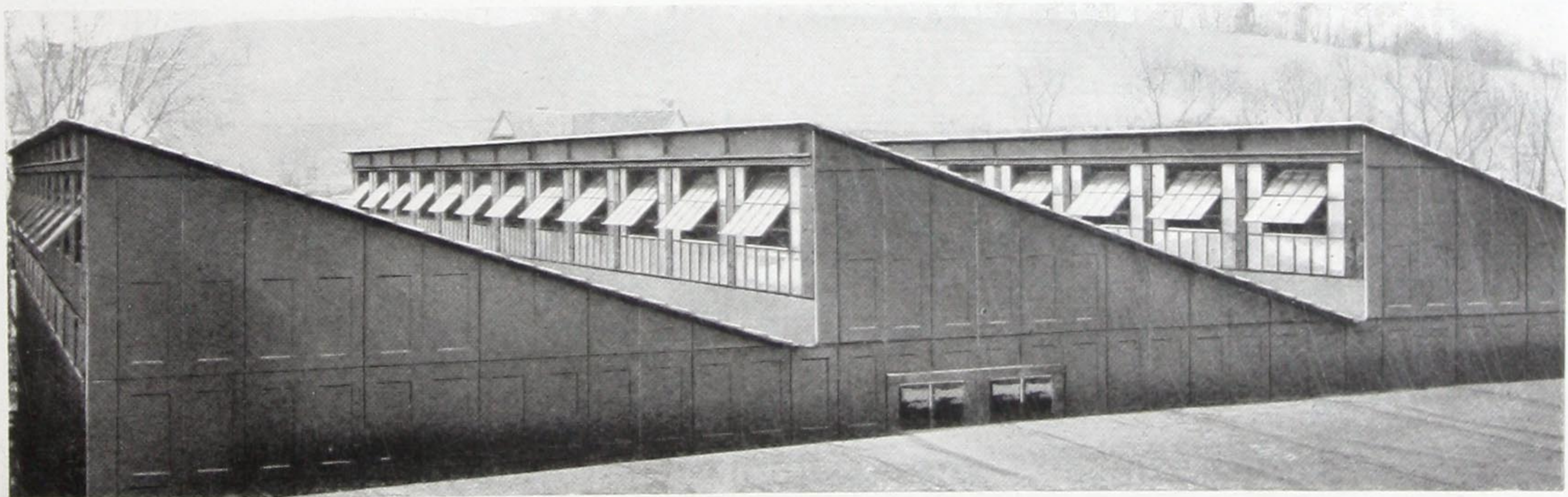


Typical End Elevation of Sawtooth Building. Panels, windows and doors may be arranged as desired. Buildings may be any number of bays in either direction

TRUSCON STEEL COMPANY



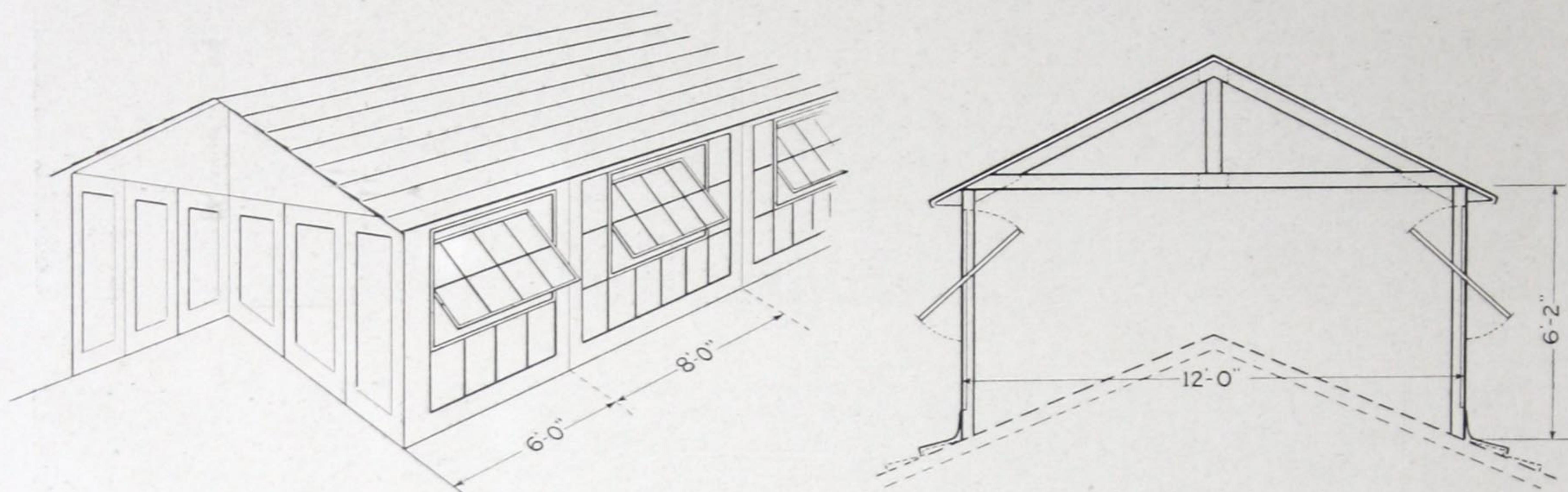
Exterior and interior, Sawtooth Type Truscon Standard Building. Stamping Factory, Leeds, England; 156' 0" x 302' 0"



National Fibre & Insulation Co., Yorklyn, Pa. Sawtooth Type Truscon Standard Building, 78' 0" x 98' 0"

TRUSCON STANDARD BUILDINGS

Lantern for Truscon Standard Building



Perspective and Cross Section Diagram of Lantern (Additional Details Page 39)

Additional light and ventilation may be secured by placing our standard lantern astride the ridge of *any Truscon Standard Building 40' 0" or more in width. Lantern may extend the entire length of the building or over any section of the ridge between trusses in multiples of 8' 0".

The lantern is 6' 2" in height. Both sides are made up of steel windows in units 8' 0" wide (18 lights, 14" x 20"). The ventilators are center pivoted, assuring maximum ventilation.

Mechanical operators for steel window ventilators can be furnished if desired.

*Lanterns are not used on monitor or sawtooth buildings.

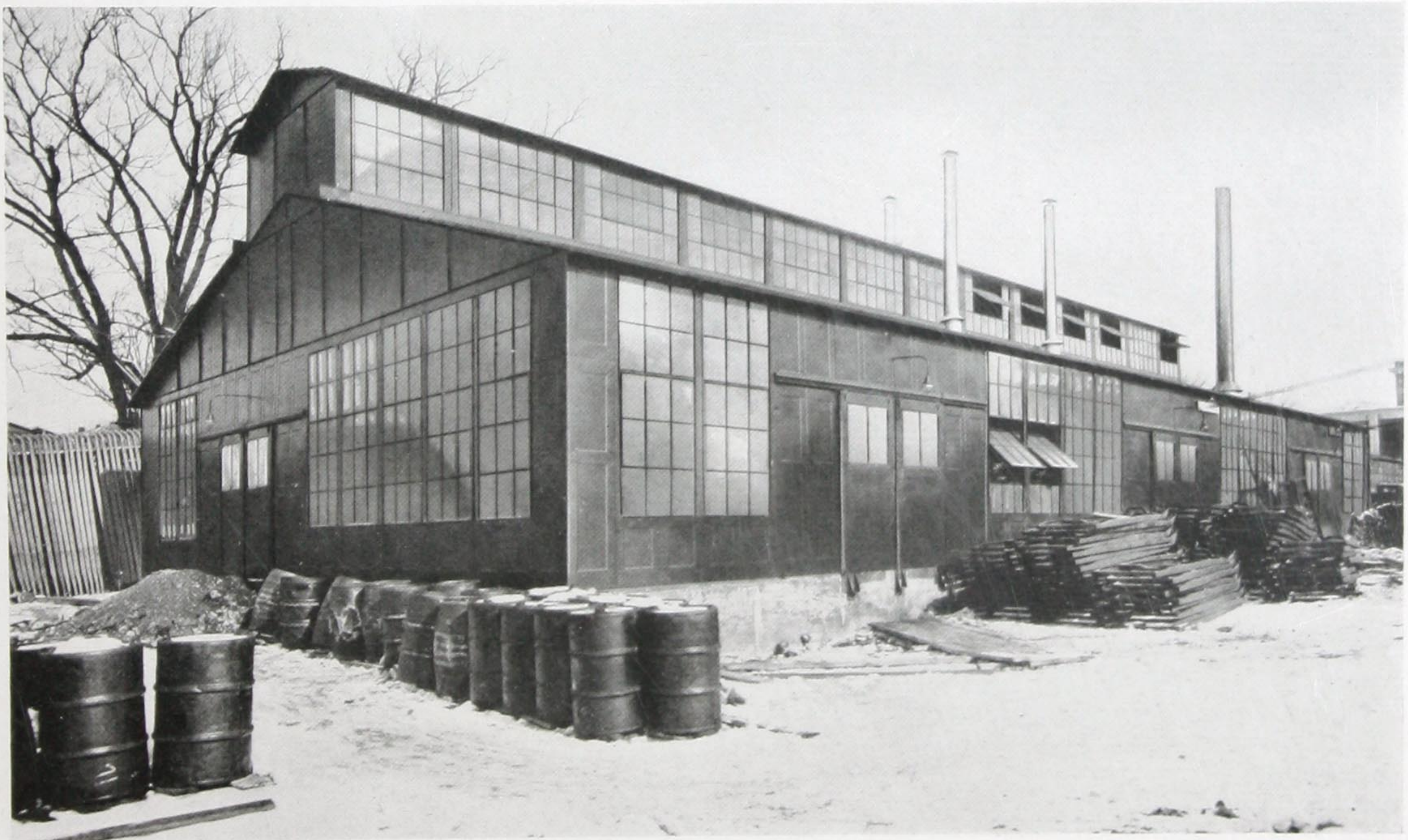


Allyne Ryan Foundry Co., Cleveland, Ohio. Truscon Standard Building, Type 2 with Lantern

TRUSCON STEEL COMPANY



Warner & Swasey Company, Cleveland, Ohio. Truscon Standard Building Type 3 with Lantern; 90' 0" x 176' 0"



Heat Treating Building, Dort Motor Co., Flint, Mich. Truscon Standard Building Type 2 with Lantern. 50' 0" x 100' 0"

TRUSCON STANDARD BUILDINGS



9' 0" Canopy over freight platform, C. & N. W. Ry., Chicago, Ill.

CANOPIES FOR TRUSCON STANDARD BUILDINGS

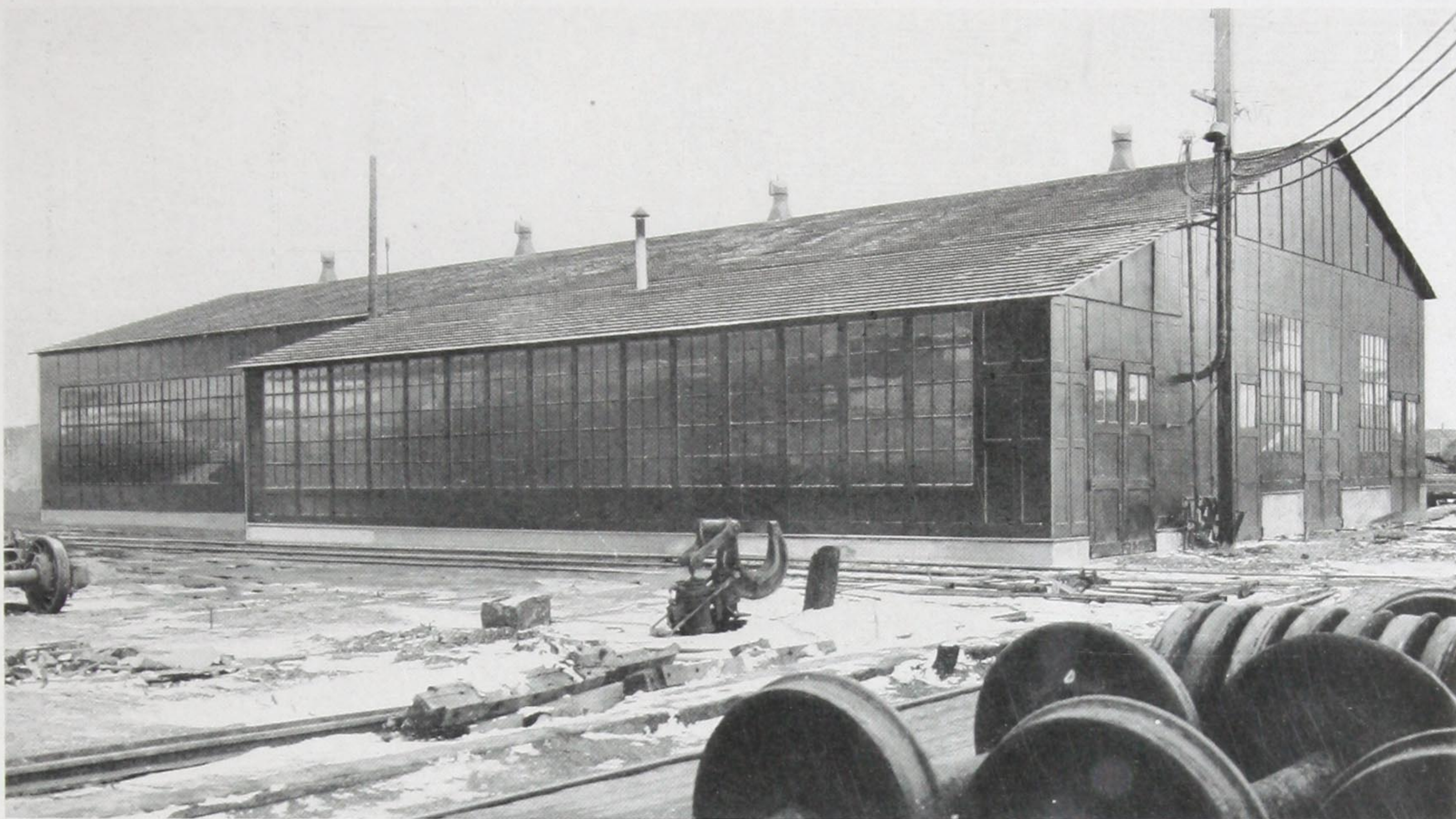
For shipping and loading platforms a canopy is very desirable. The Truscon Standard Canopy can be used along the side of any Truscon

Standard Building with 11' 6" side walls. The canopy is supported by cantilever action, as shown on Page 39. Widths of overhang 6' or 9'.



6' 0" Canopy, Express Building, C. & N. W. Ry., Chicago, Ill.

TRUSCON STEEL COMPANY

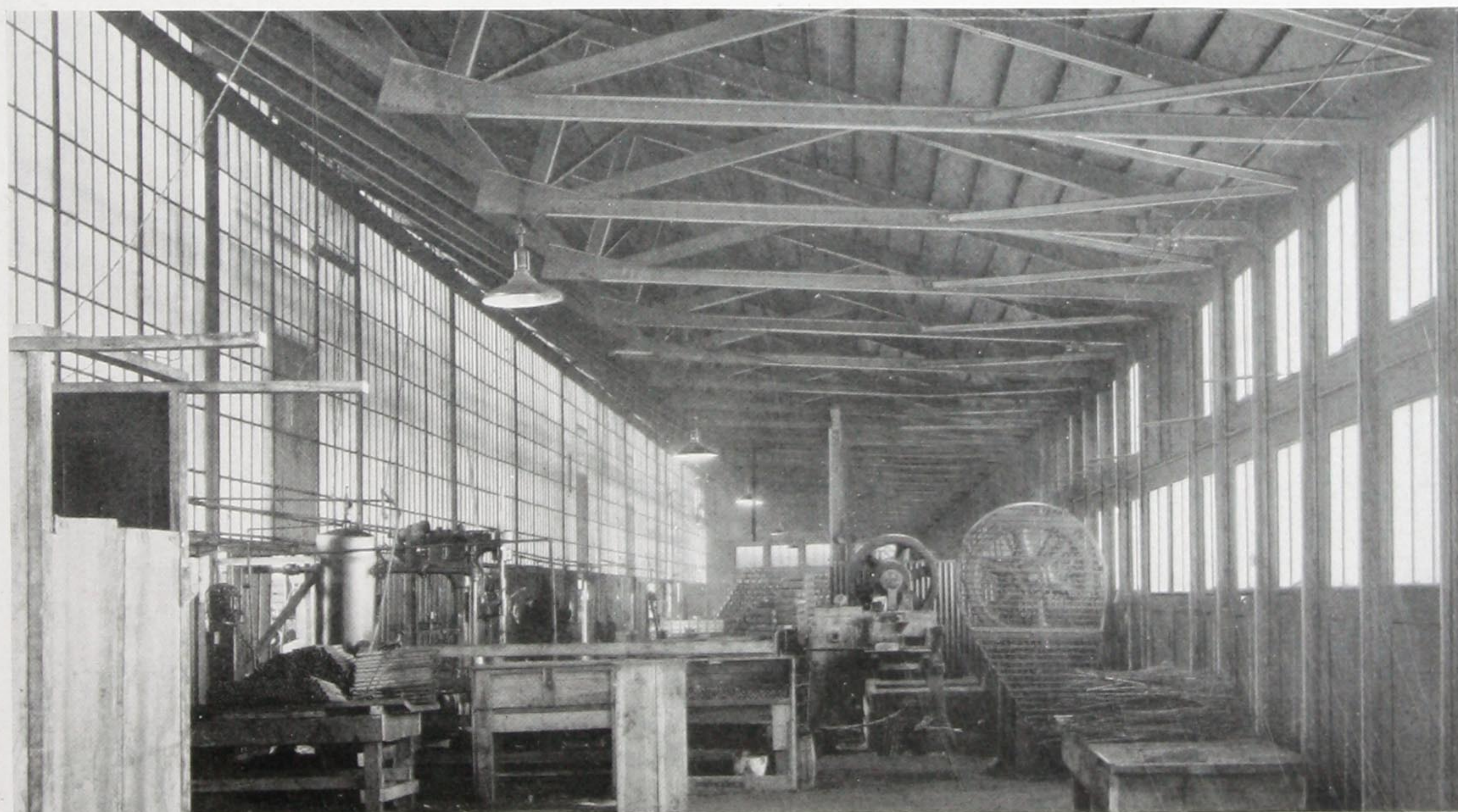


Lean-to, 16' 0" x 66' 0", on Planing Mill, A. T. & S. F. Ry., Chicago, Ill.

LEAN-TOS BUILT OF STANDARD UNITS

Additional floor space for buildings can be readily obtained by the use of a lean-to, which can be made up of our standard units. Stand-

ard lean-tos can be attached to buildings of any type of construction, and are furnished in the following widths: 16' 0", 20' 0", 25' 0", 30' 0".

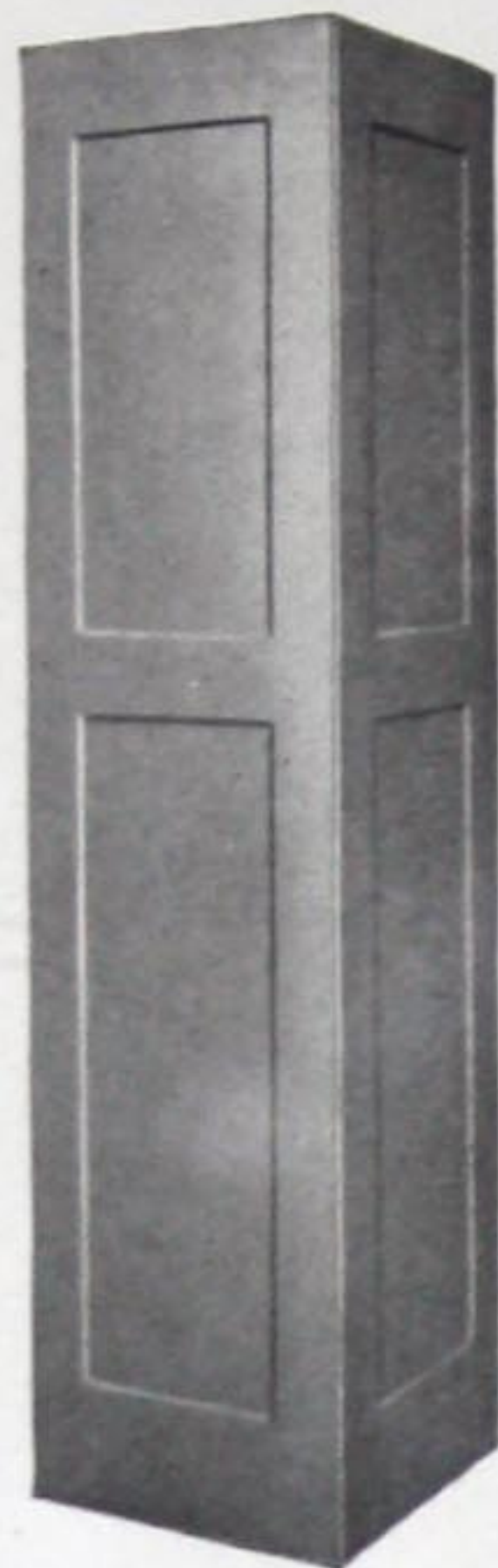


Interior 25' 0" wide Lean-to, built of Truscon Standard Units.

TRUSCON STANDARD BUILDINGS



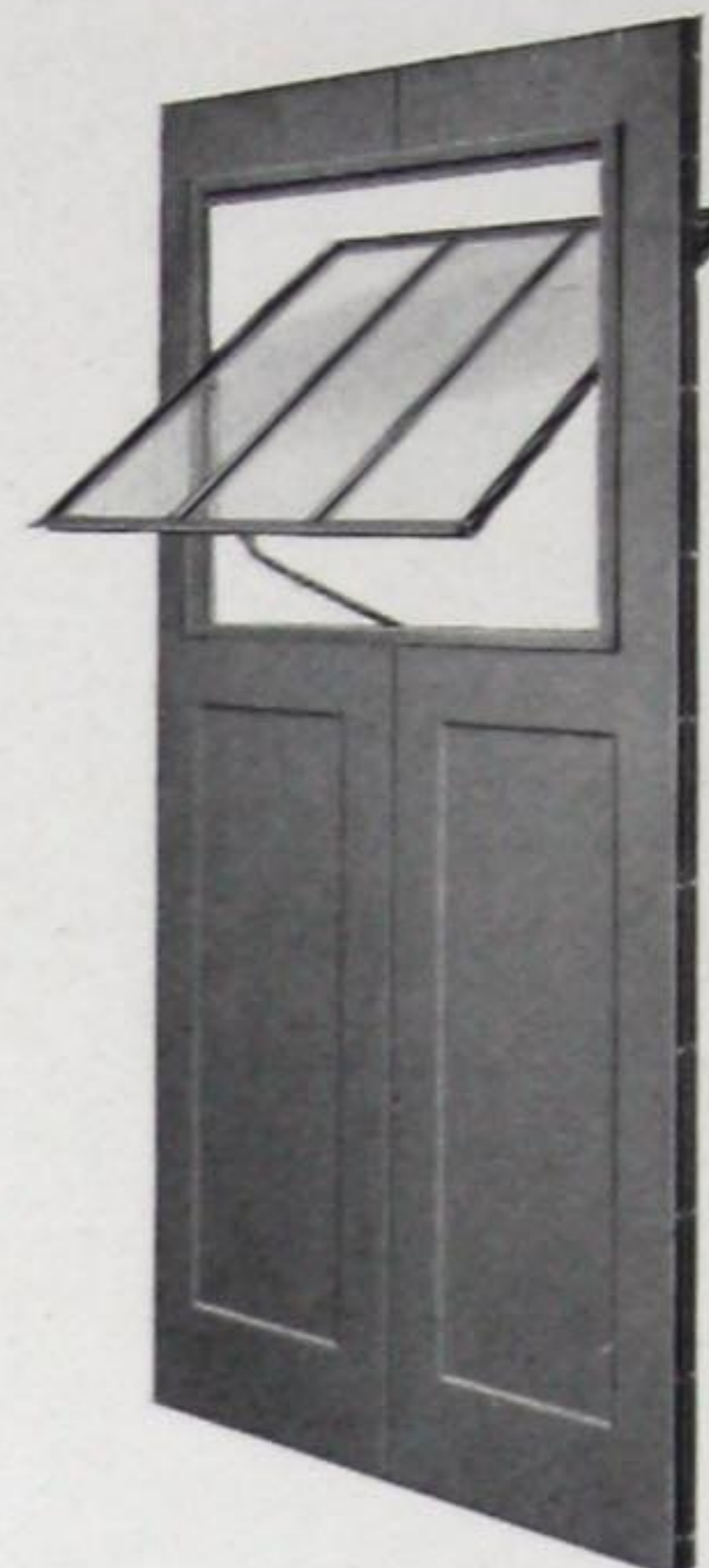
*Solid Panel
4' 0" x 7' 10"*



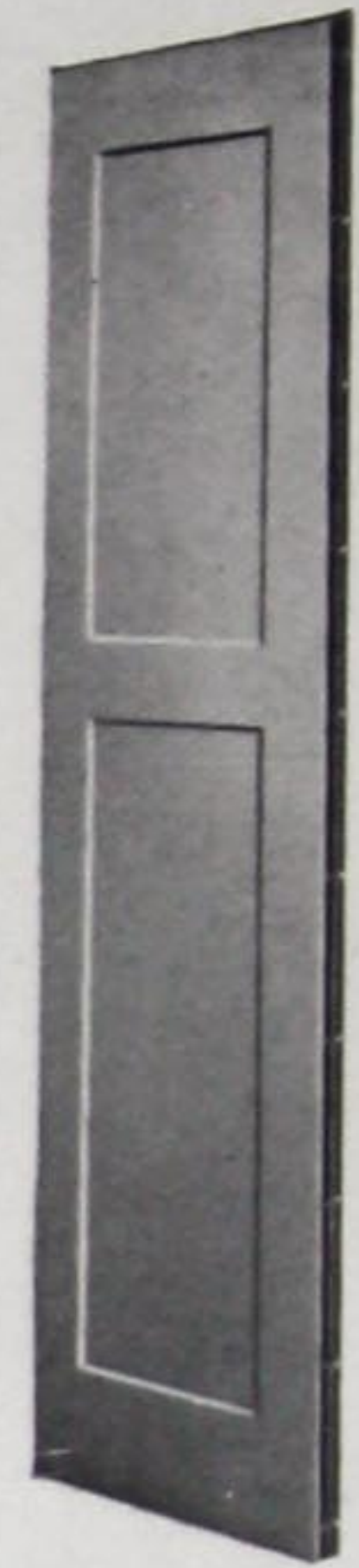
*Corner Panel
2' 0" x 2' 0" x 7' 10"*



*Section Through Bottom of
Ventilator. One-half Size*



*Sash Panel
4' 0" x 7' 10"*



*Solid Panel for End
of Building 2' 0" x 7' 10"*

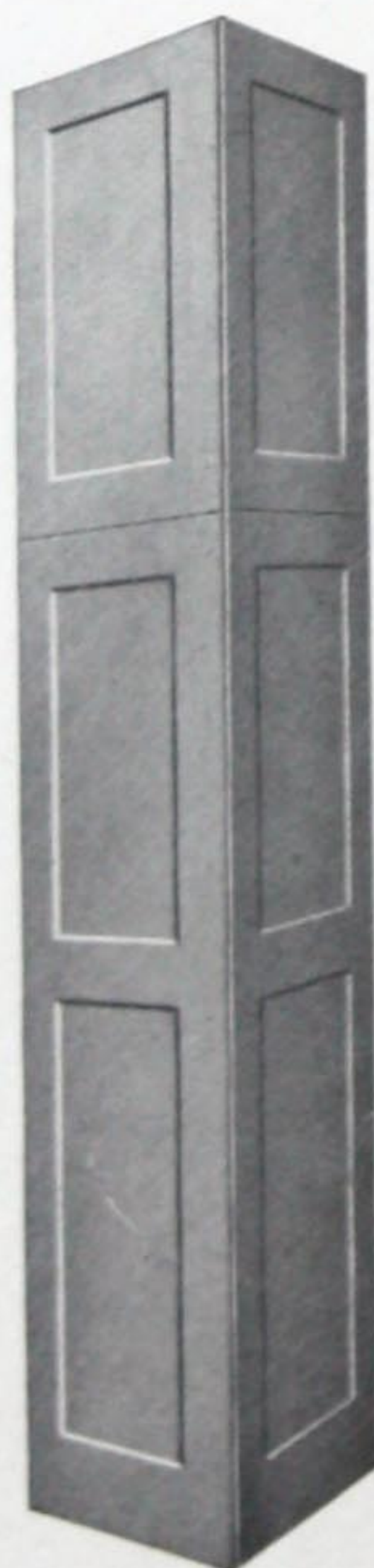
WALL PANELS FOR TRUSCON STANDARD BUILDINGS

All Wall Panels are 4' 0" in width and either 7' 10" or 11' 6" in height. The 7' 10" Panels are of two types—solid or with steel sash. The 11' 6" Panels are of four types—solid and with three arrangements of steel sash, which may be either ventilated or fixed. Glass is not furnished. Wall panels are of Truscon Alloy Steel, assuring greatest durability.

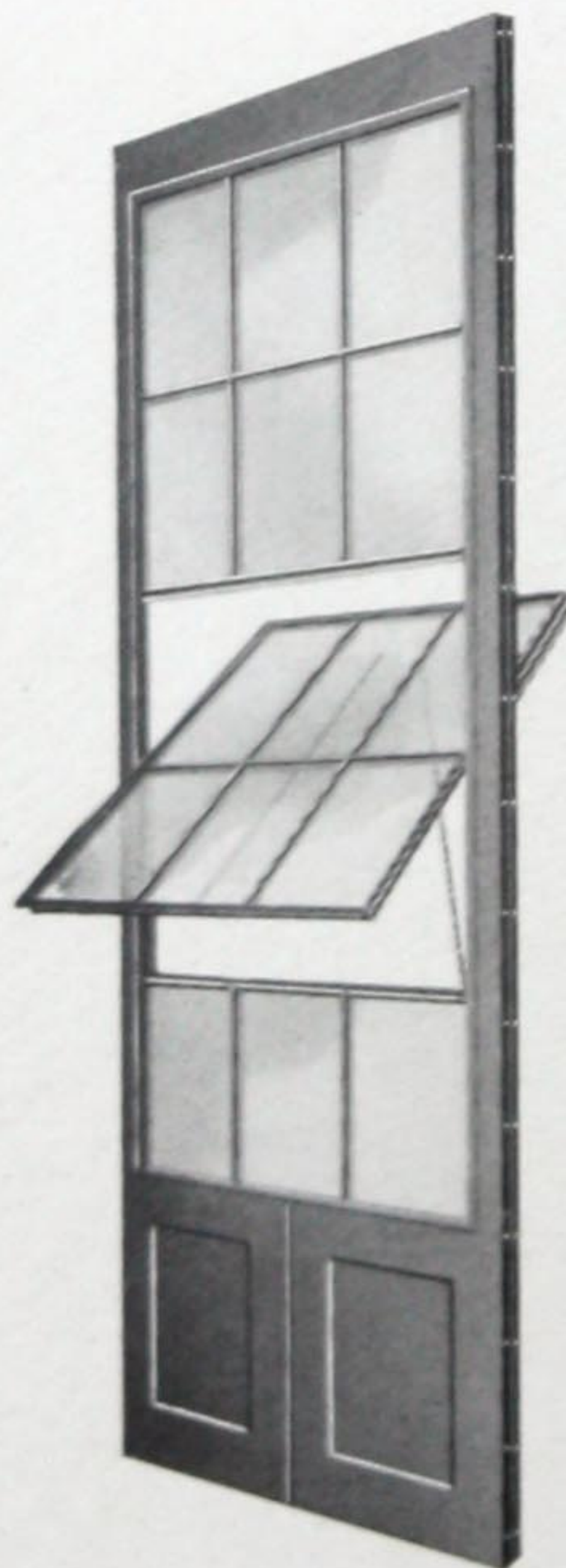
Truscon Steel Windows are used in Sash Panels. Note the double contact weathering and simple method of glazing. The ventilator frames are center pivoted and thus provide the maximum amount of ventilation. Suitable hardware, consisting of either spring latch and chain or push bar device, is provided for locking and operating ventilators.



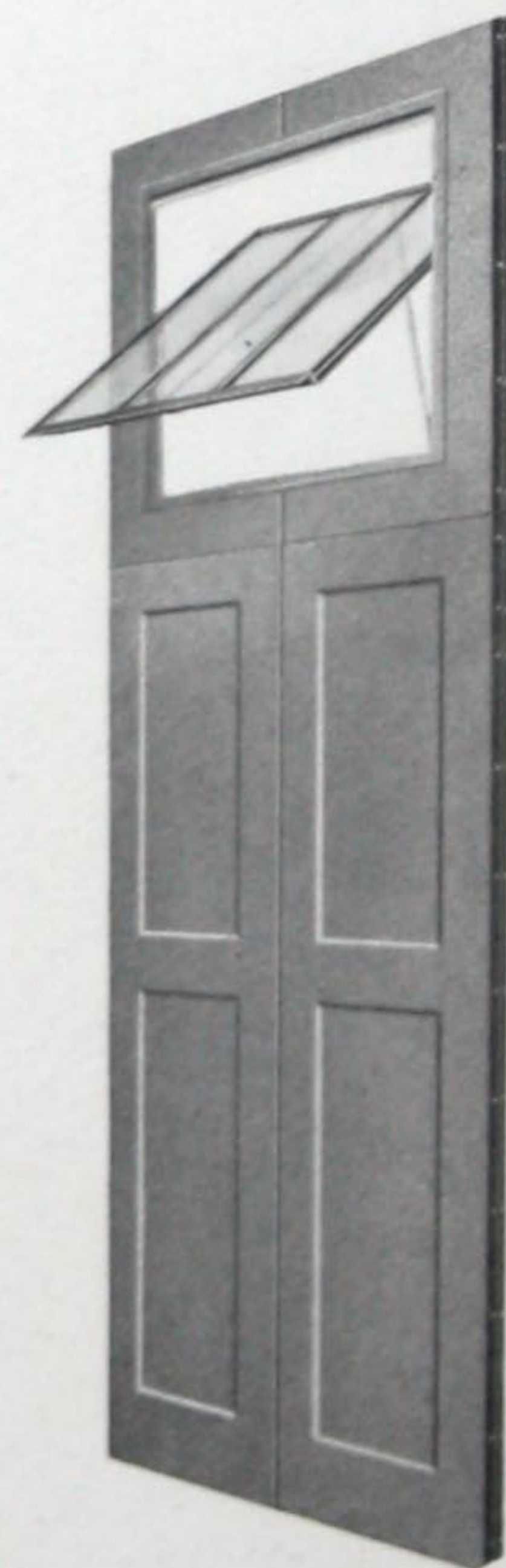
*Solid Panel
4' 0" x 11' 6"*



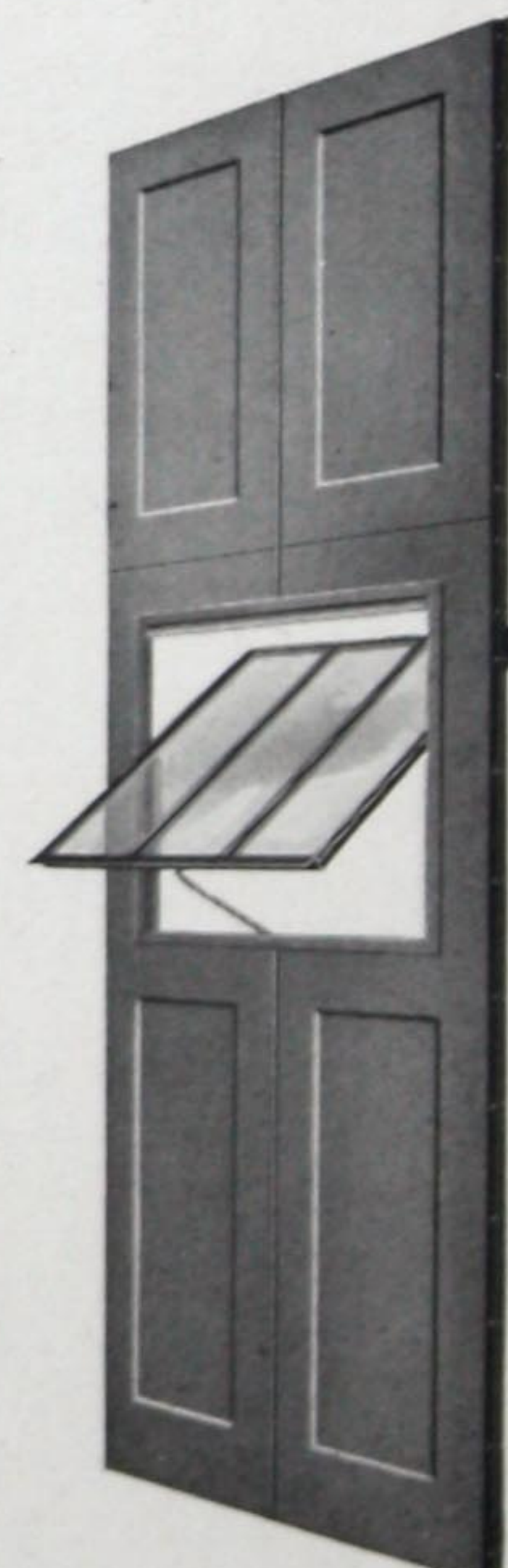
*Corner Panel
2' 0" x 2' 0" x 11' 6"*



*Daylight Sash Panel
4' 0" x 11' 6"*



*Top Sash Panel
4' 0" x 11' 6"*

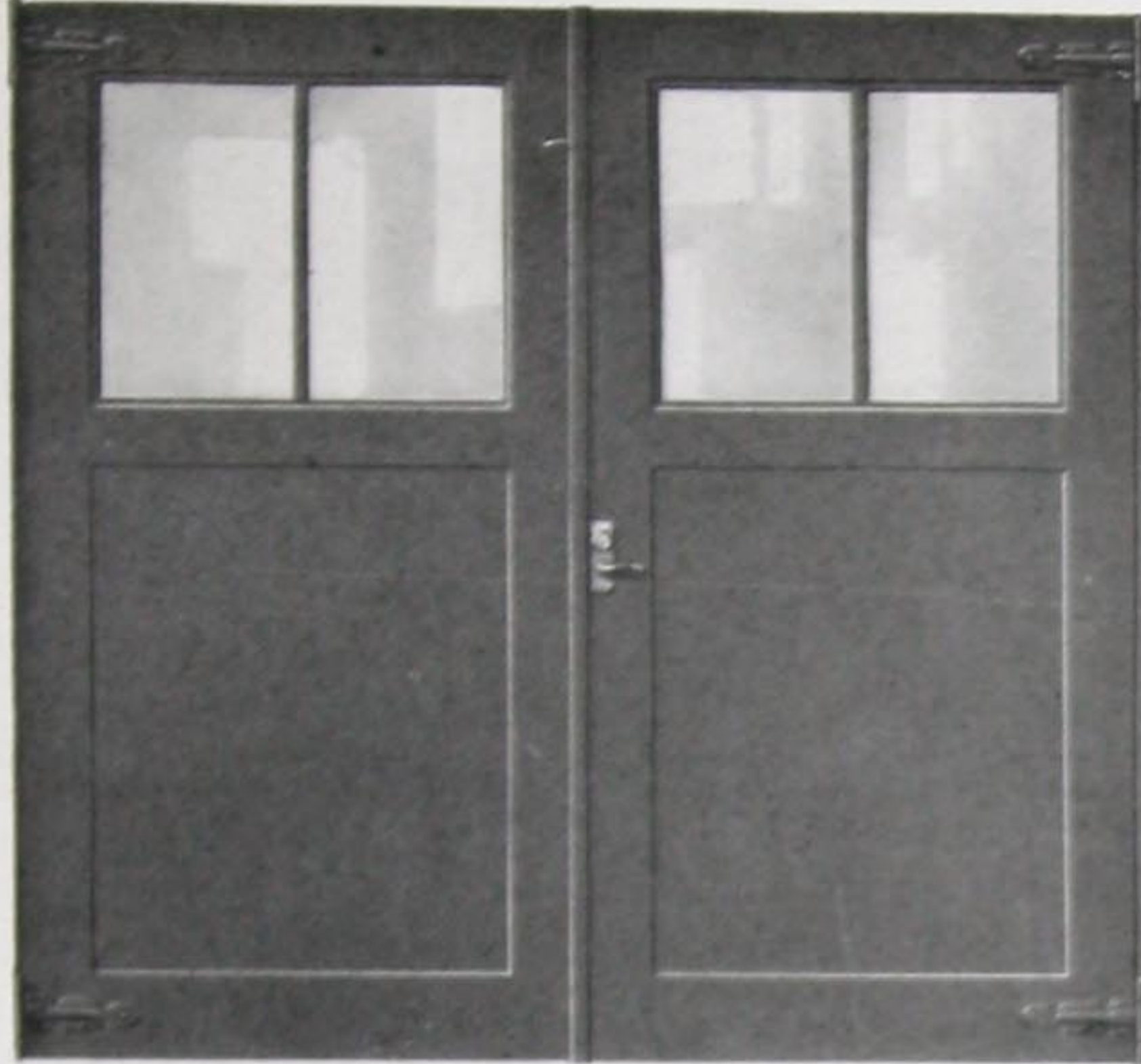


*Center Sash Panel
4' 0" x 11' 6"*



*Solid Panel for End of
Building 2' 0" x 11' 6"*

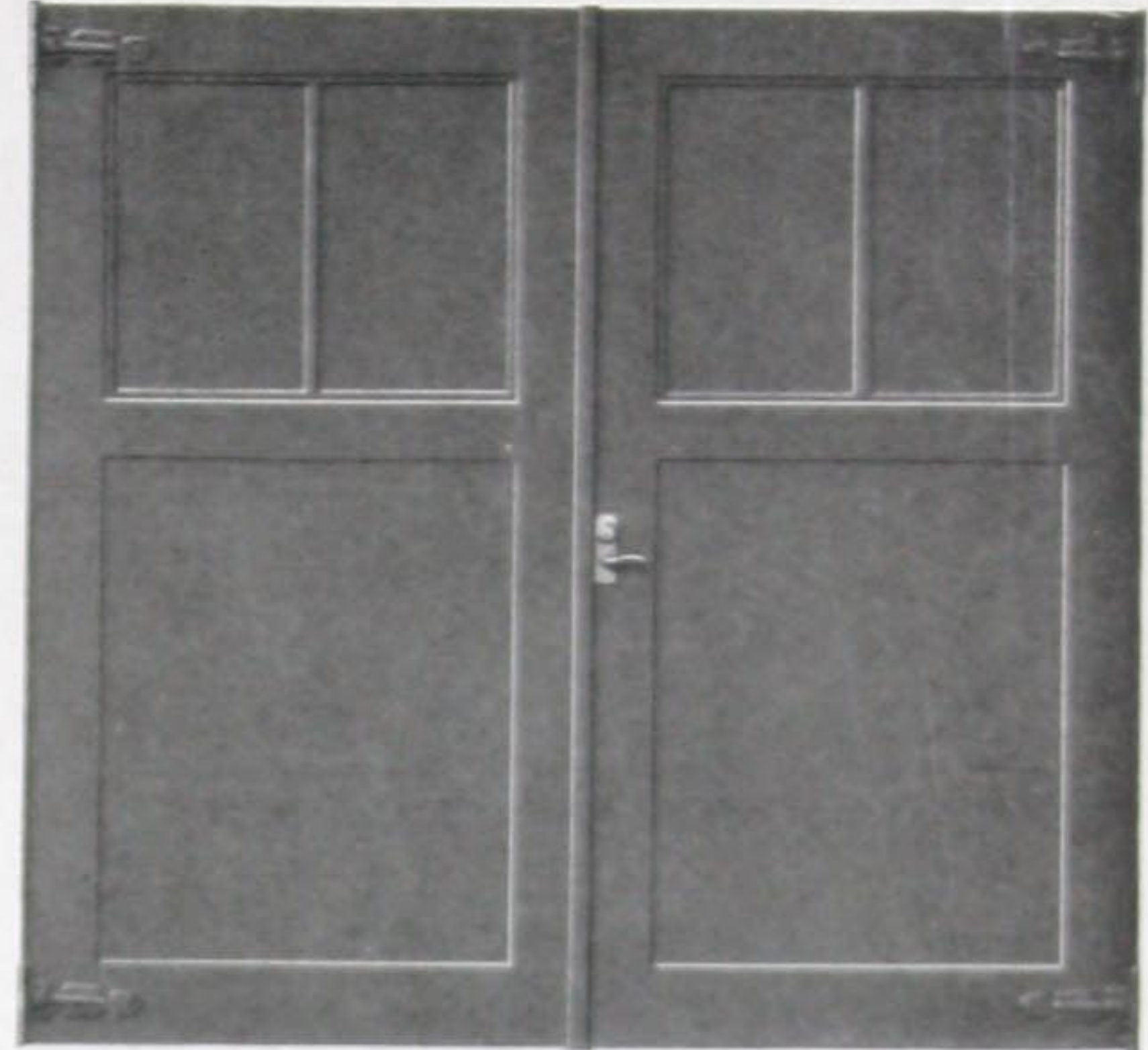
TRUSCON STEEL COMPANY



Double Door with Sash, 8' 0" wide, 7' 9 1/2" high



*Single Door with Sash
4' 0" wide, 7' 5 1/2" high*



Double Door, solid, 8' 0" wide, 7' 9 1/2" high

STEEL DOORS FOR TRUSCON STANDARD BUILDINGS

Both single and double doors are made in such sizes as to fit in standard wall panels 4' 0", 8' 0" or 12' 0" wide, and are interchangeable with them. Doors are furnished either solid or with upper panels provided for glass. Doors are readily glazed after erection, but we do not supply glass owing to the danger of breakage in shipment. All swing doors are fitted with standard Yale cylinder locks, suitable handles and Stanley hinges. In addition, the double door has a top and bottom lock operated by handle and cam movement. Sliding doors are complete

with track, hangers, stops, stay roll, etc., and are equipped with hasp and staple without padlocks.

WIDTHS AND HEIGHTS

Single doors (swing only) 4' 0" wide, 7' 5 1/2" high.

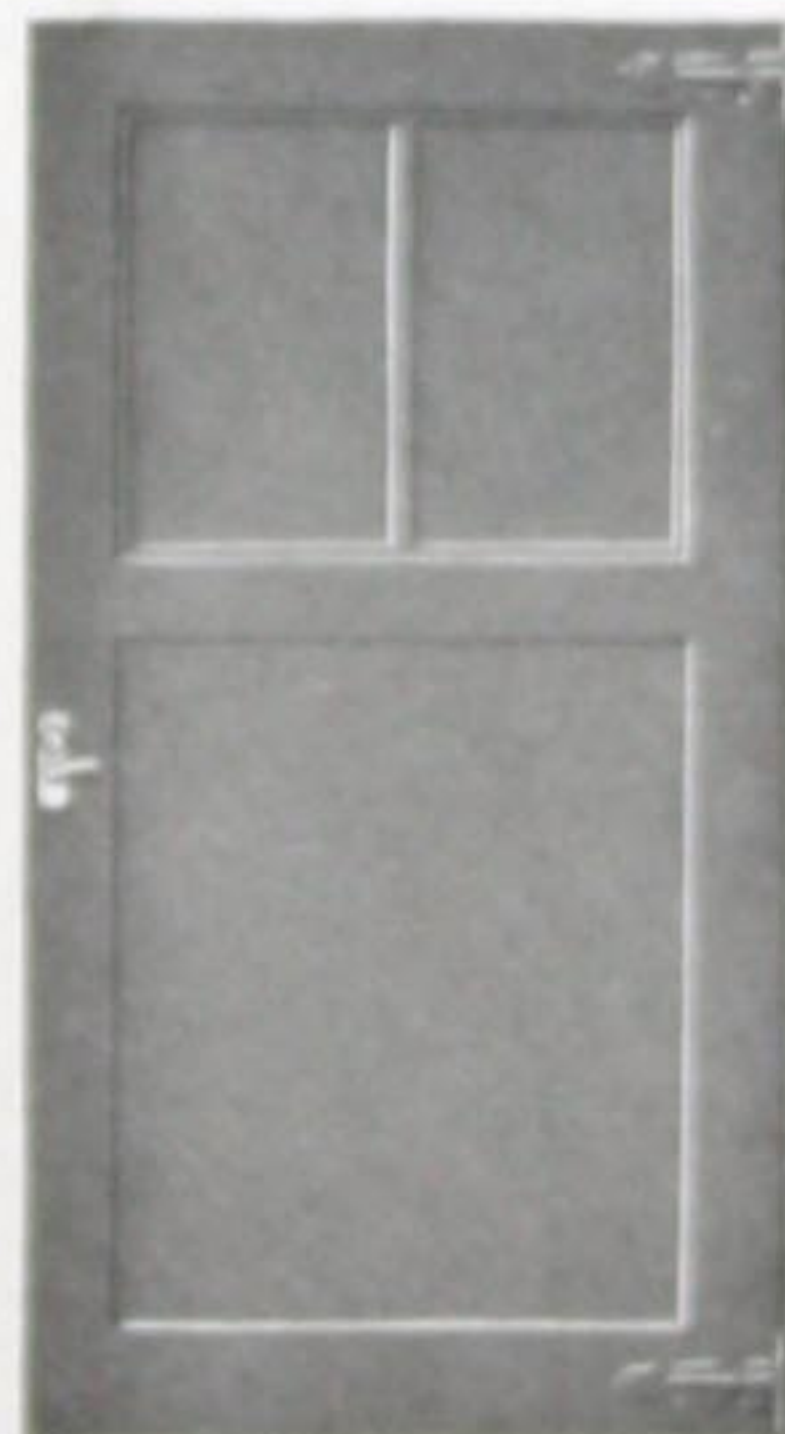
Double doors (swing or sliding) 8' 0" wide, 7' 5 1/2", 7' 9 1/2" or 9' 9 1/2" high.

Double doors (sliding only) 12' 0" wide, 9' 9 1/2" high.

Swing doors open outward. Sliding doors are mounted on outside of building.



Double Door with Sash, 8' 0" wide, 9' 9 1/2" high

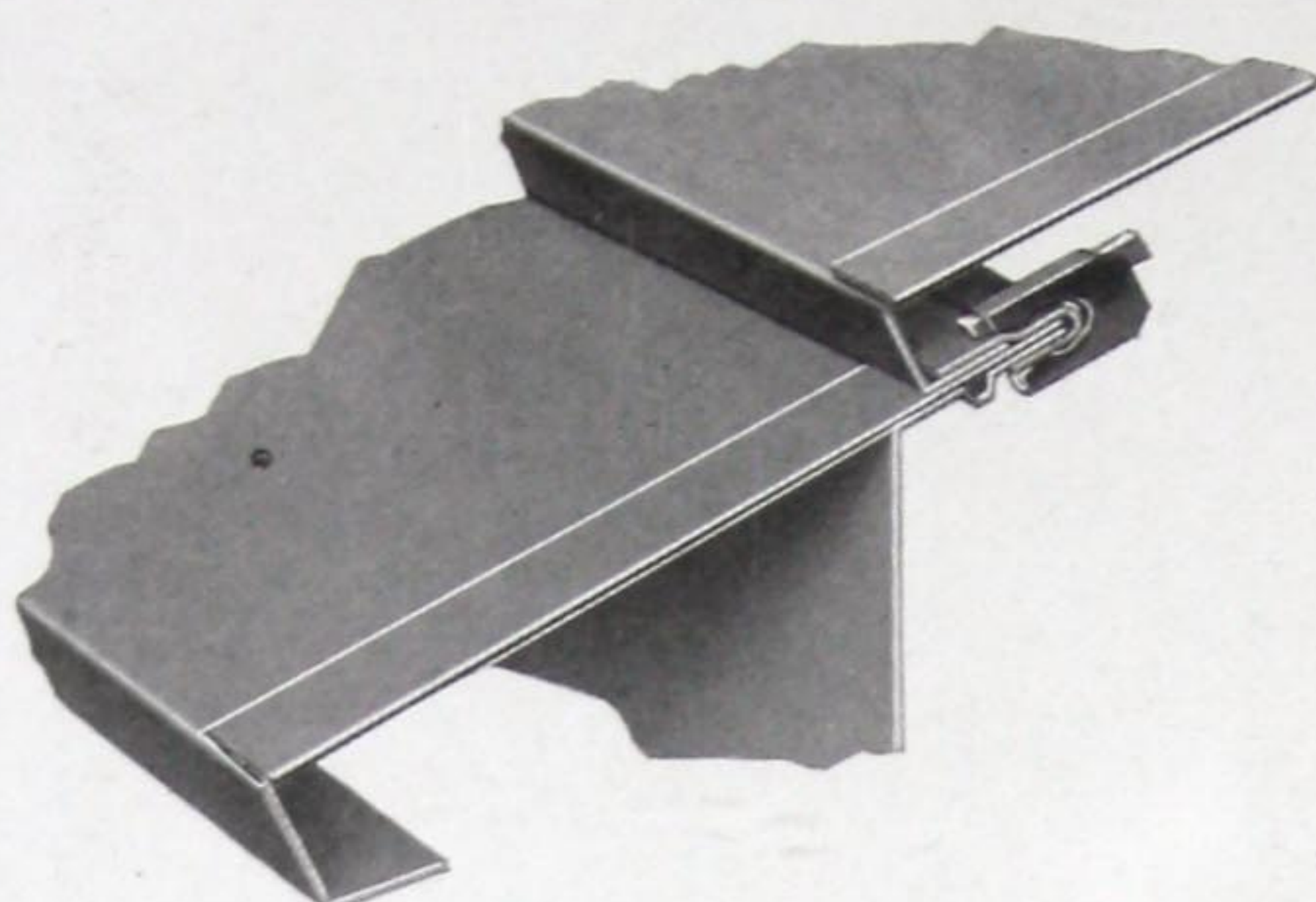


*Single Door, Solid, 4' 0"
wide, 7' 5 1/2" high*

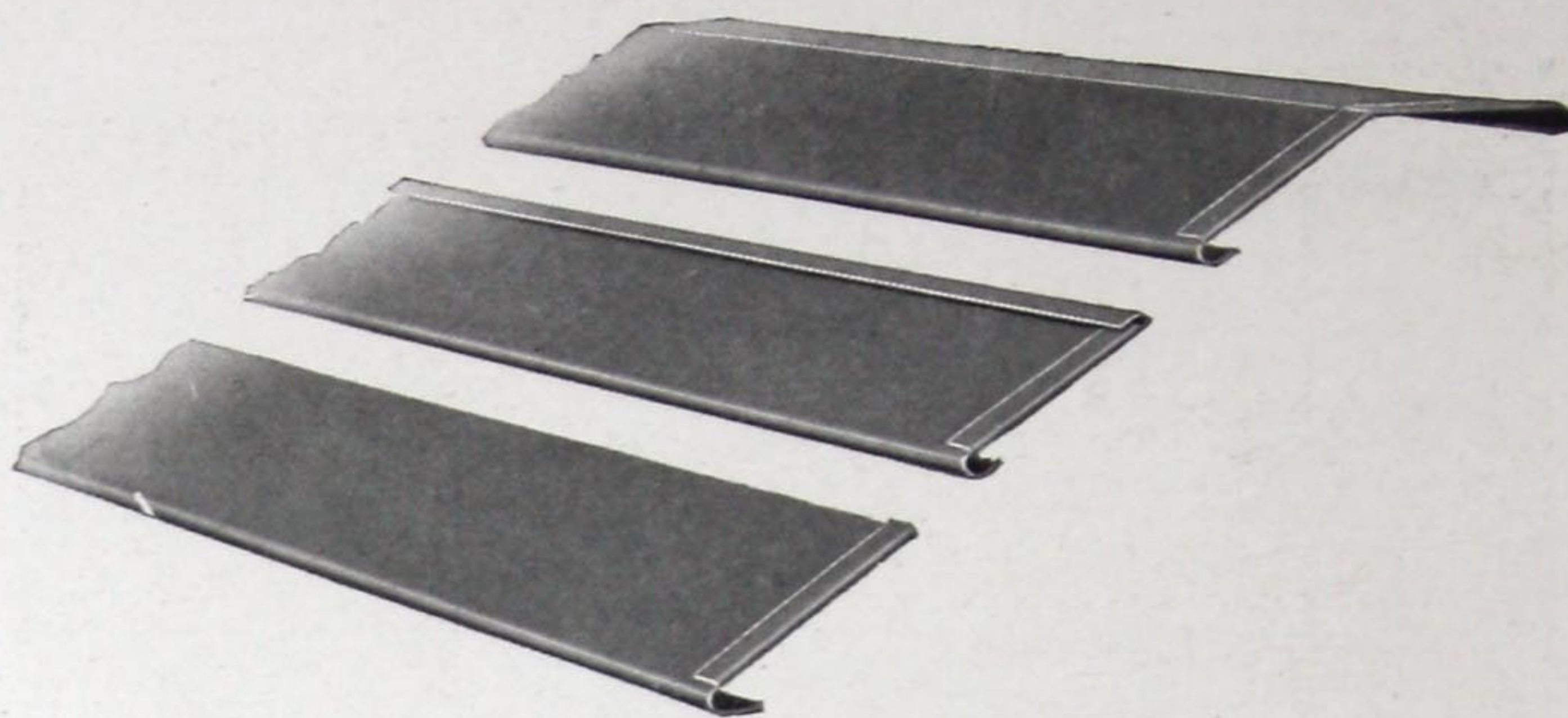


Double Door, Solid, 8' 0" wide, 9' 9 1/2" high

TRUSCON STANDARD BUILDINGS



Weathertight Joint at Eaves



Eave, Intermediate and Ridge Plates

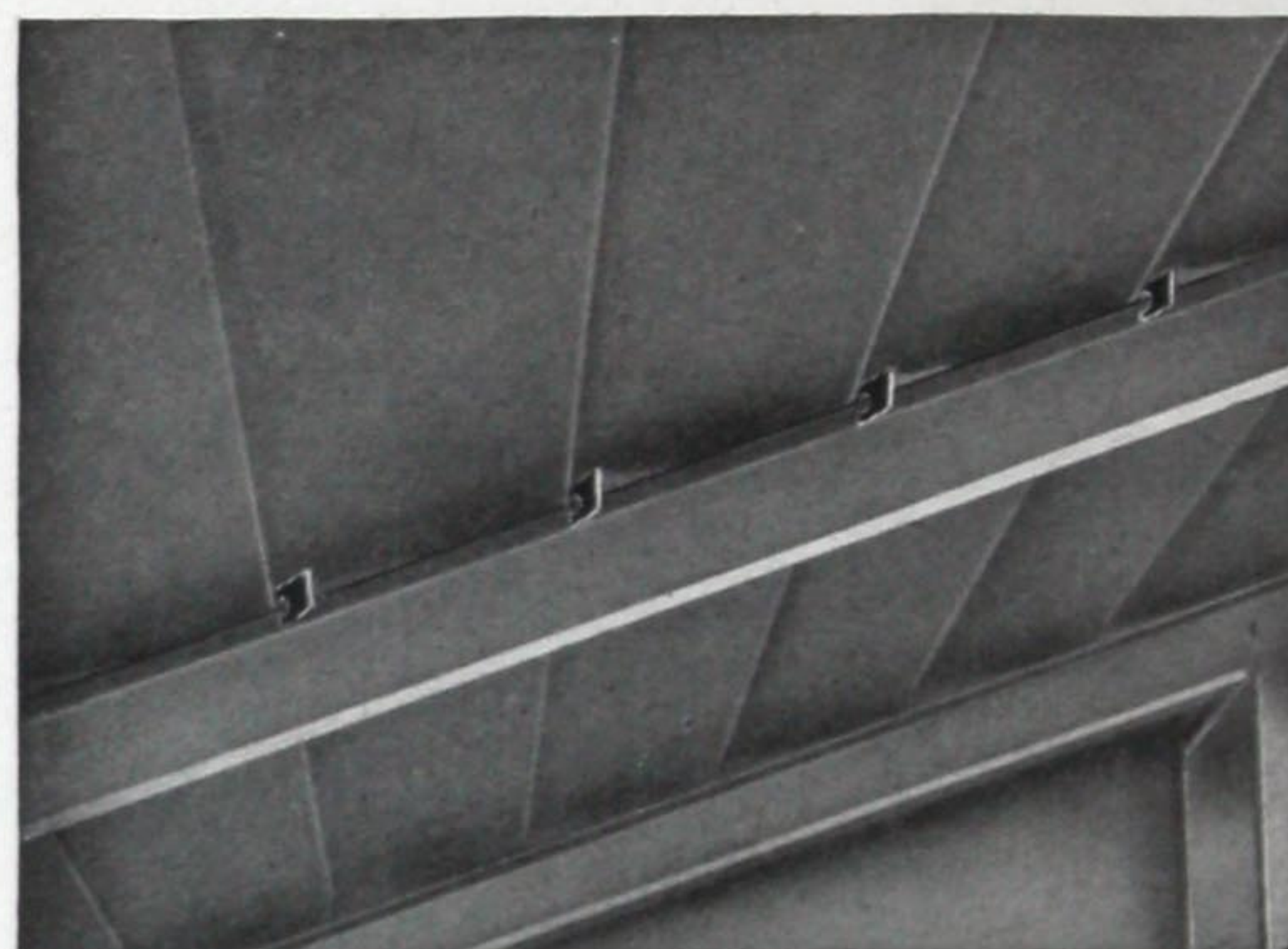
TRUSCON STEEL ROOFING PLATES

Trusses and roof plates for Truscon Standard Buildings are all steel. These plates are thoroughly interlocking so as to assure absolutely weather-tight connections. Roof is of Truscon Alloy Steel, assuring permanence.

The ends of plates are interlocked with weathertight strips, as indicated in illustration. Roof plates are securely fastened to trusses underneath by means of a special clip which is readily applied.



Applying Weathertight Strips over ends of Roof Plates



Fastening Roof Plates to Steel Trusses with Special Clips

STANDARD WALL CONNECTION AND MULLIONS



Steel mullion used between wall panels, 7' 10" high



Tee bolt and wedge for the standard connection

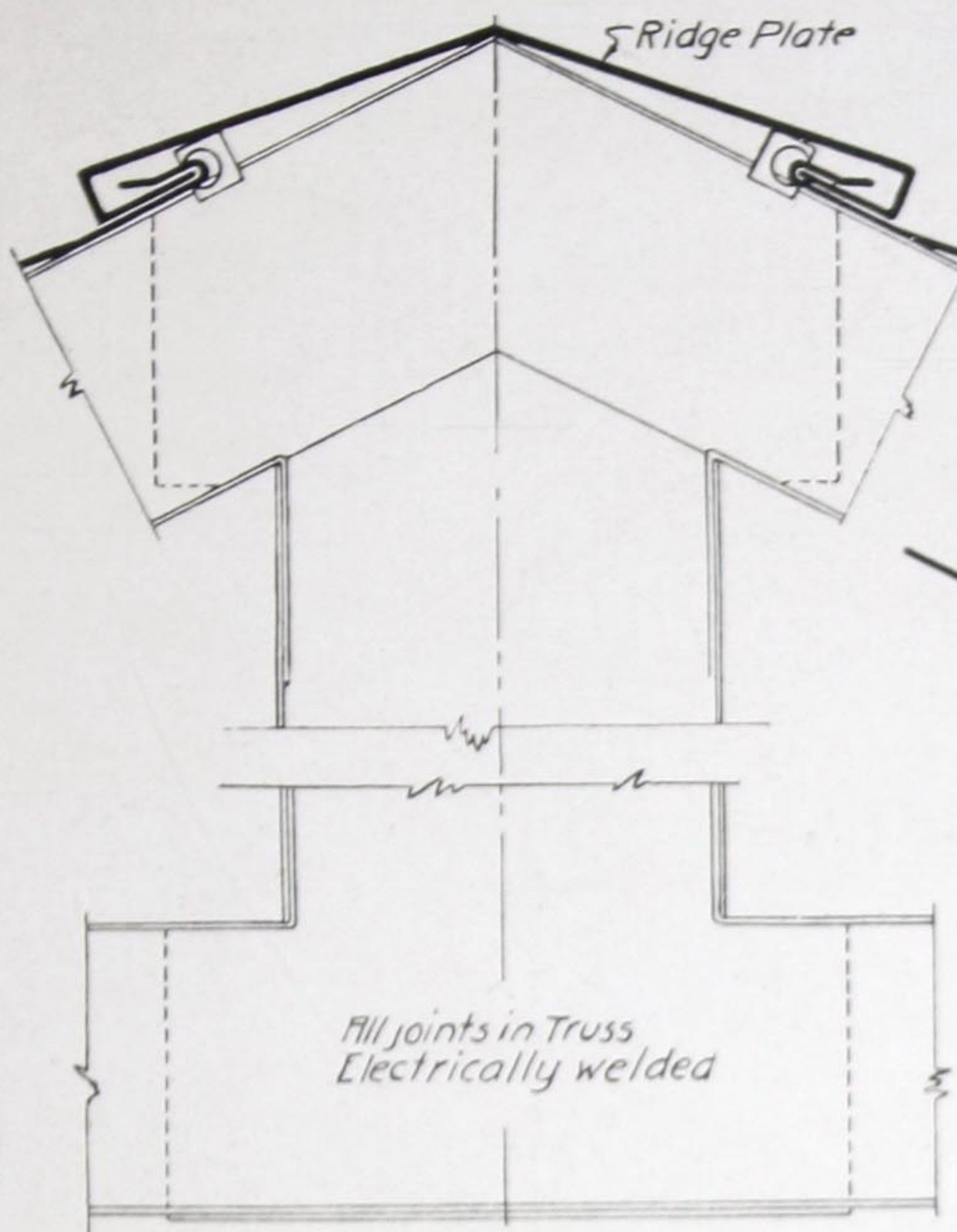


Section showing completed standard connection

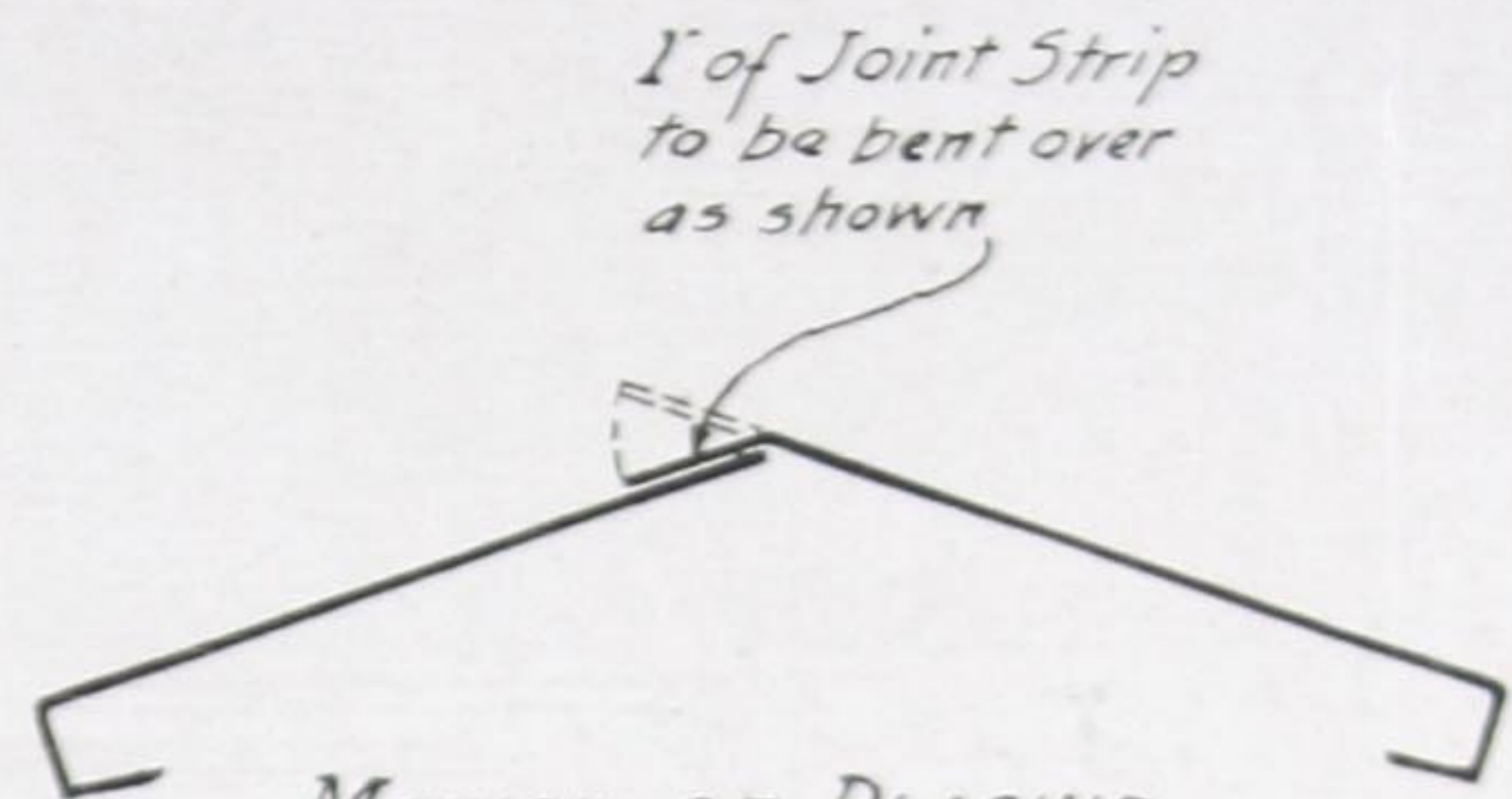


Steel mullion used between wall panels, 11' 6" high

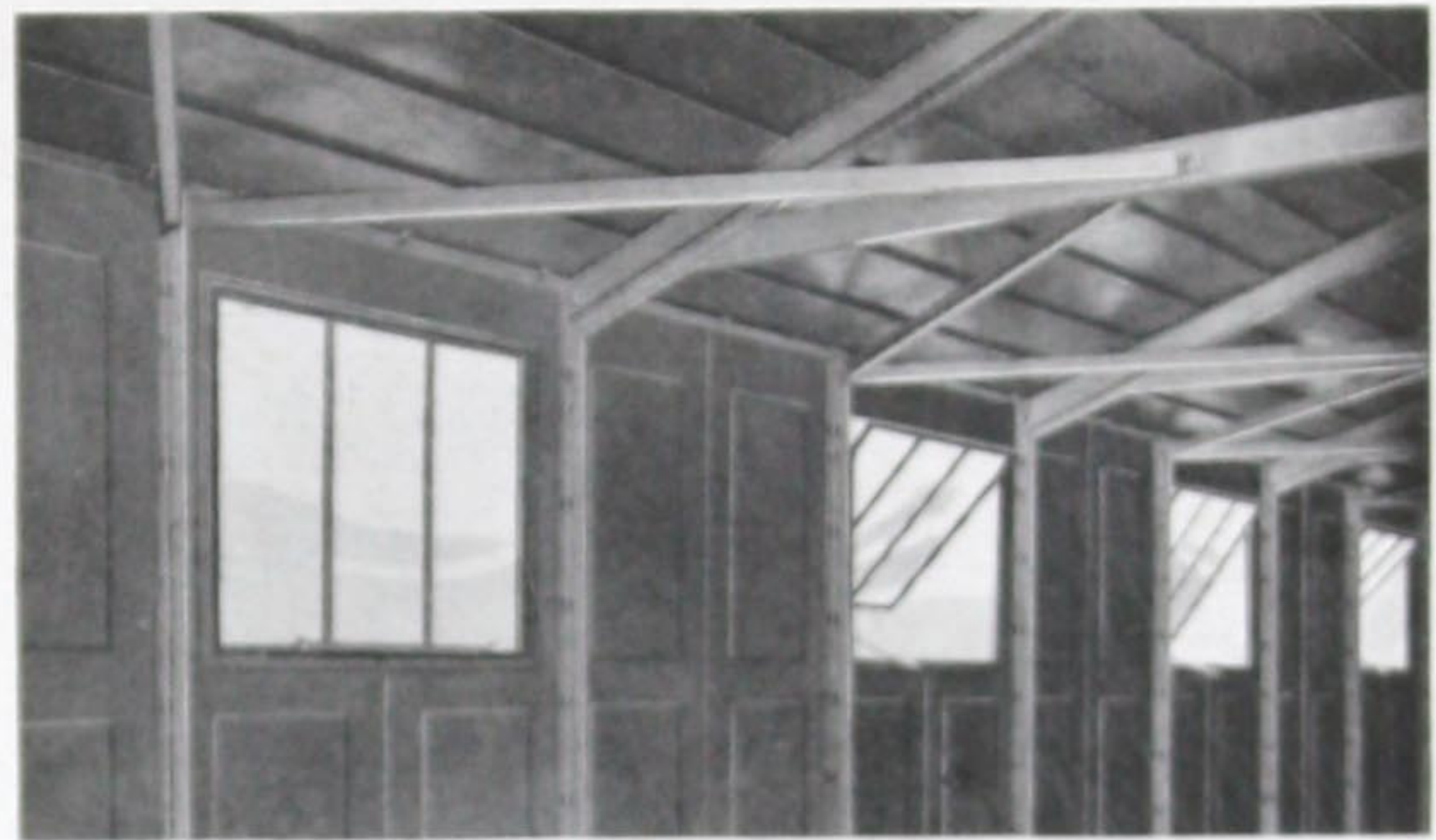
TRUSCON STEEL COMPANY



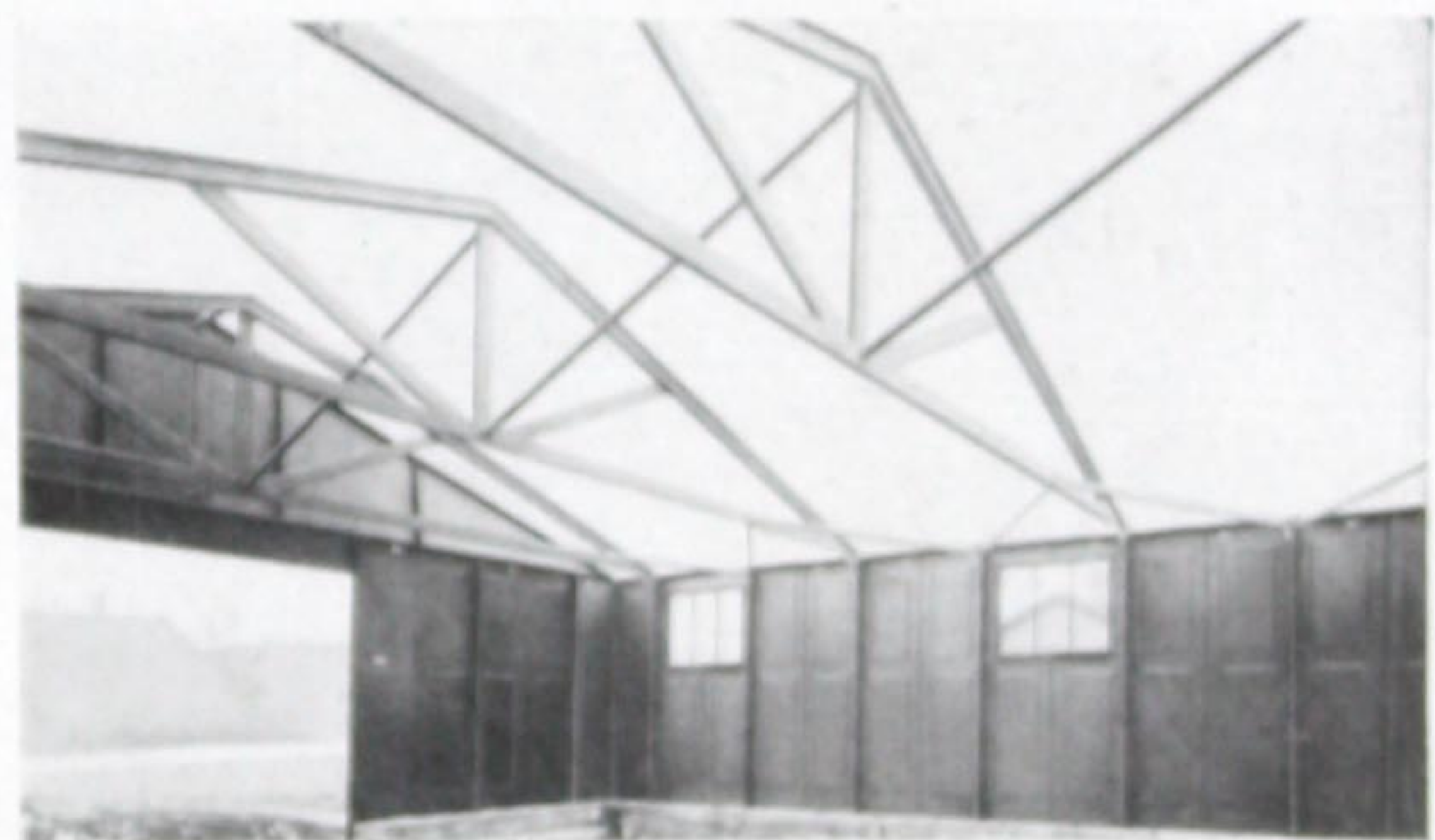
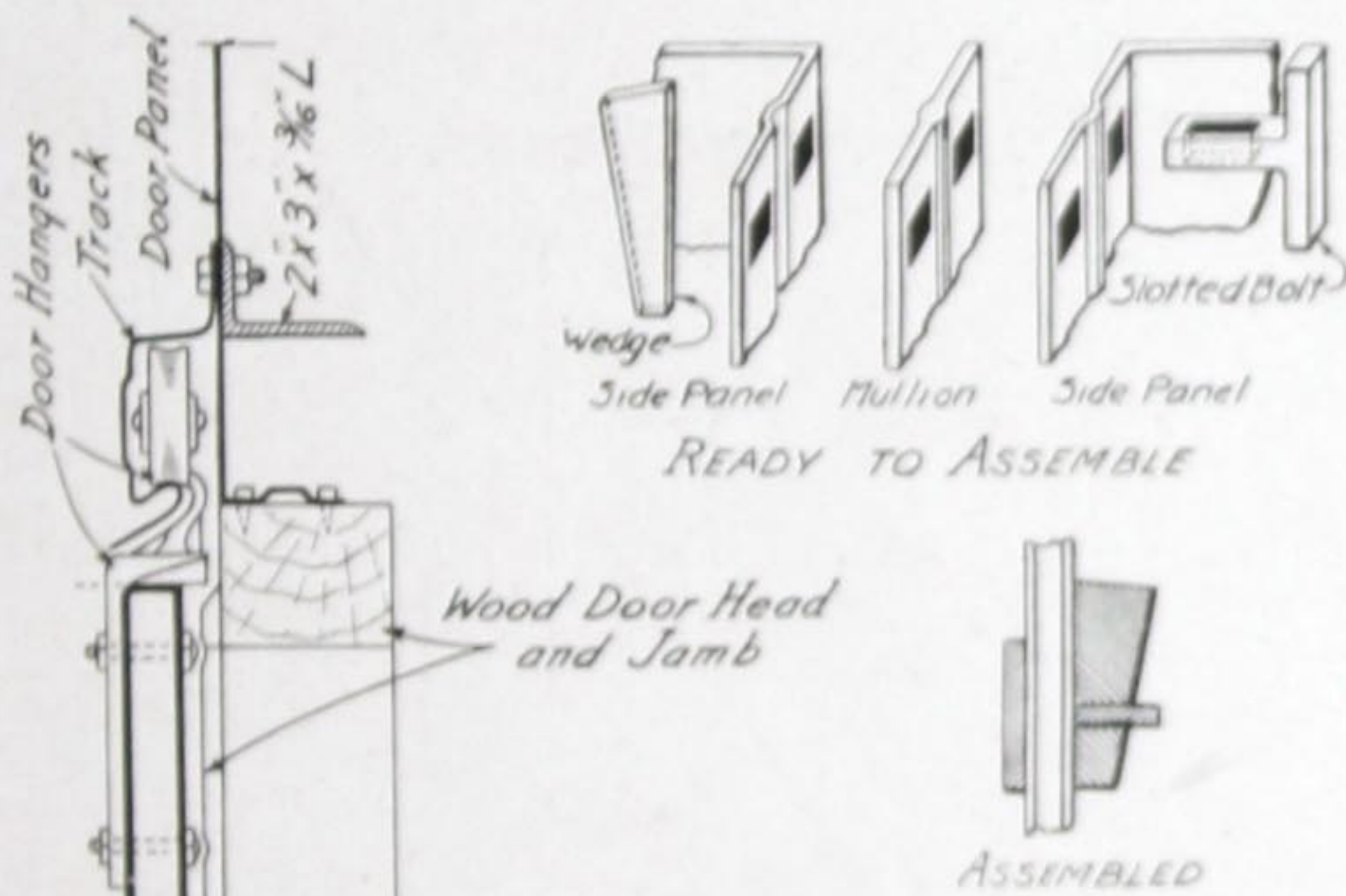
DETAIL AT RIDGE



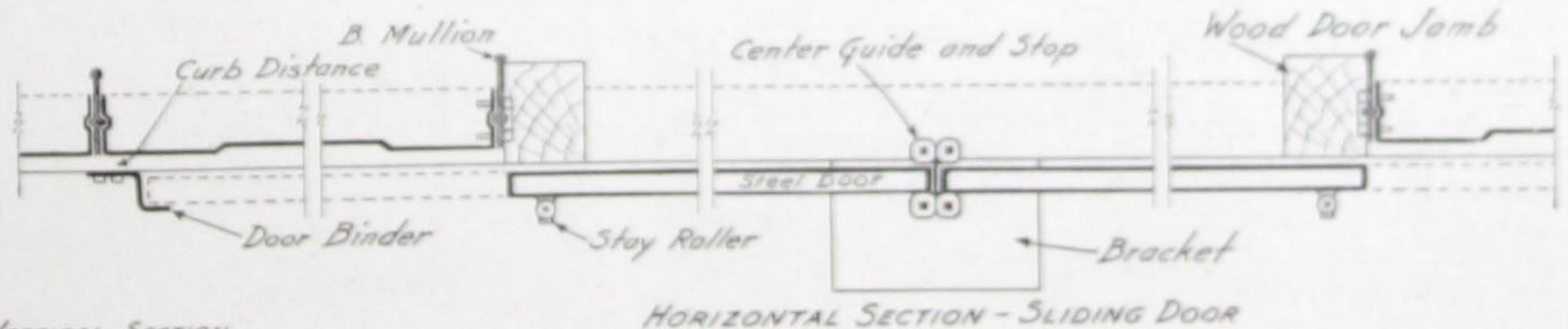
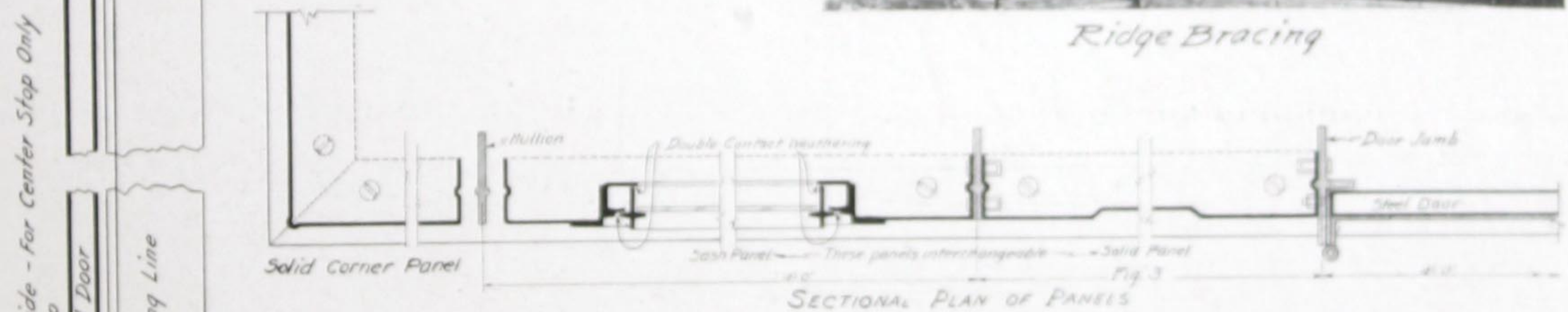
METHOD OF PLACING RIDGE JOINT STRIPS



Sway Bracing

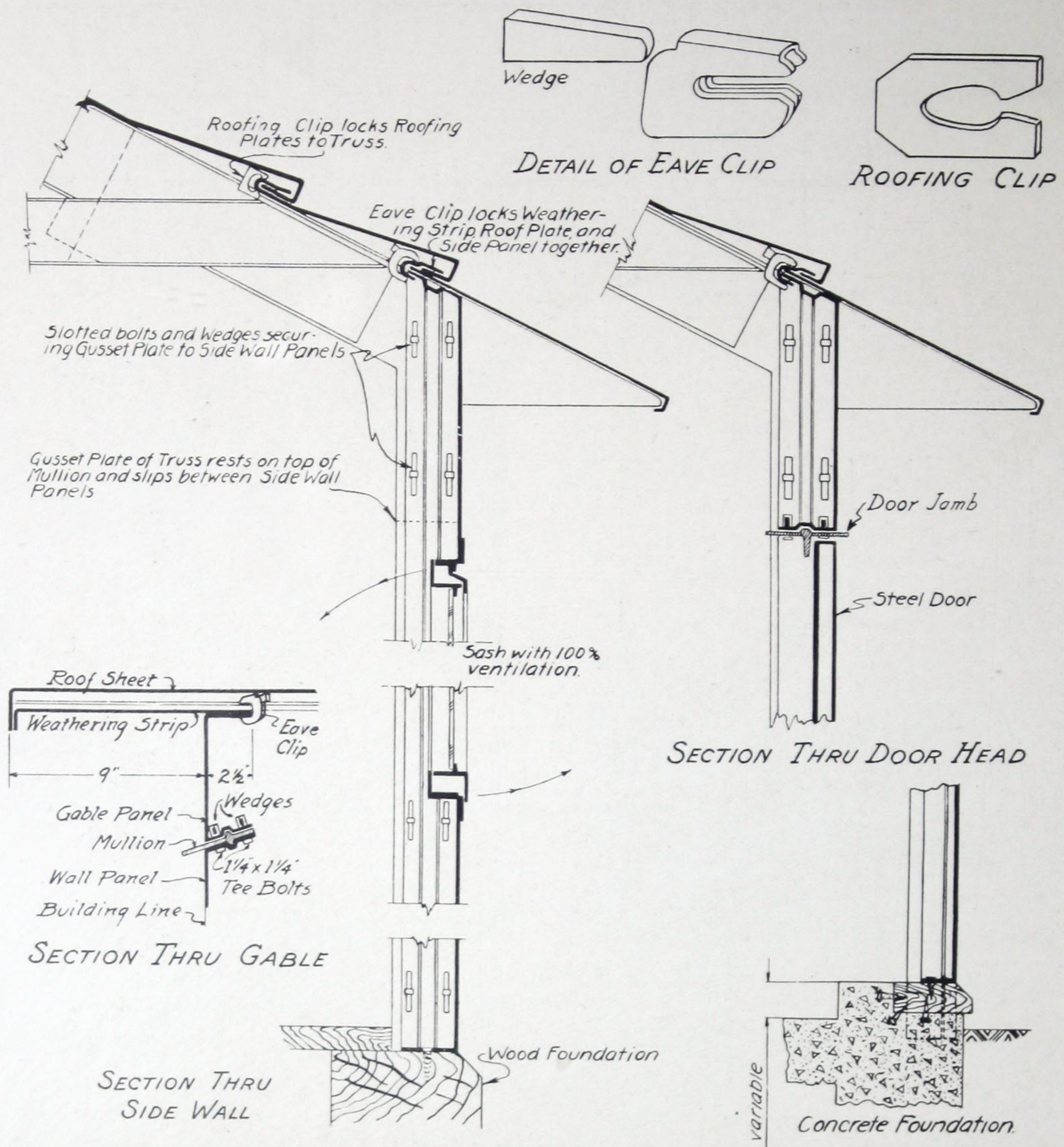


Ridge Bracing



ERECTION DETAILS OF TRUSCON STANDARD BUILDINGS

TRUSCON STANDARD BUILDINGS



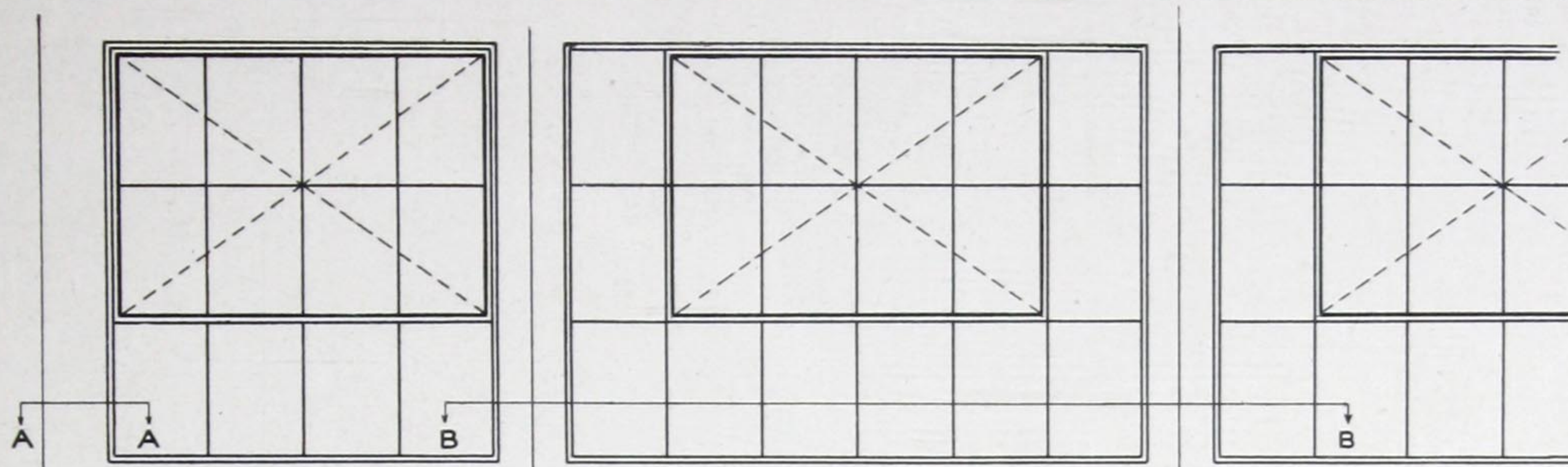
Erecting Steel Building



Interior of Completed Building

ERECTION DETAILS OF TRUSCON STEEL BUILDINGS

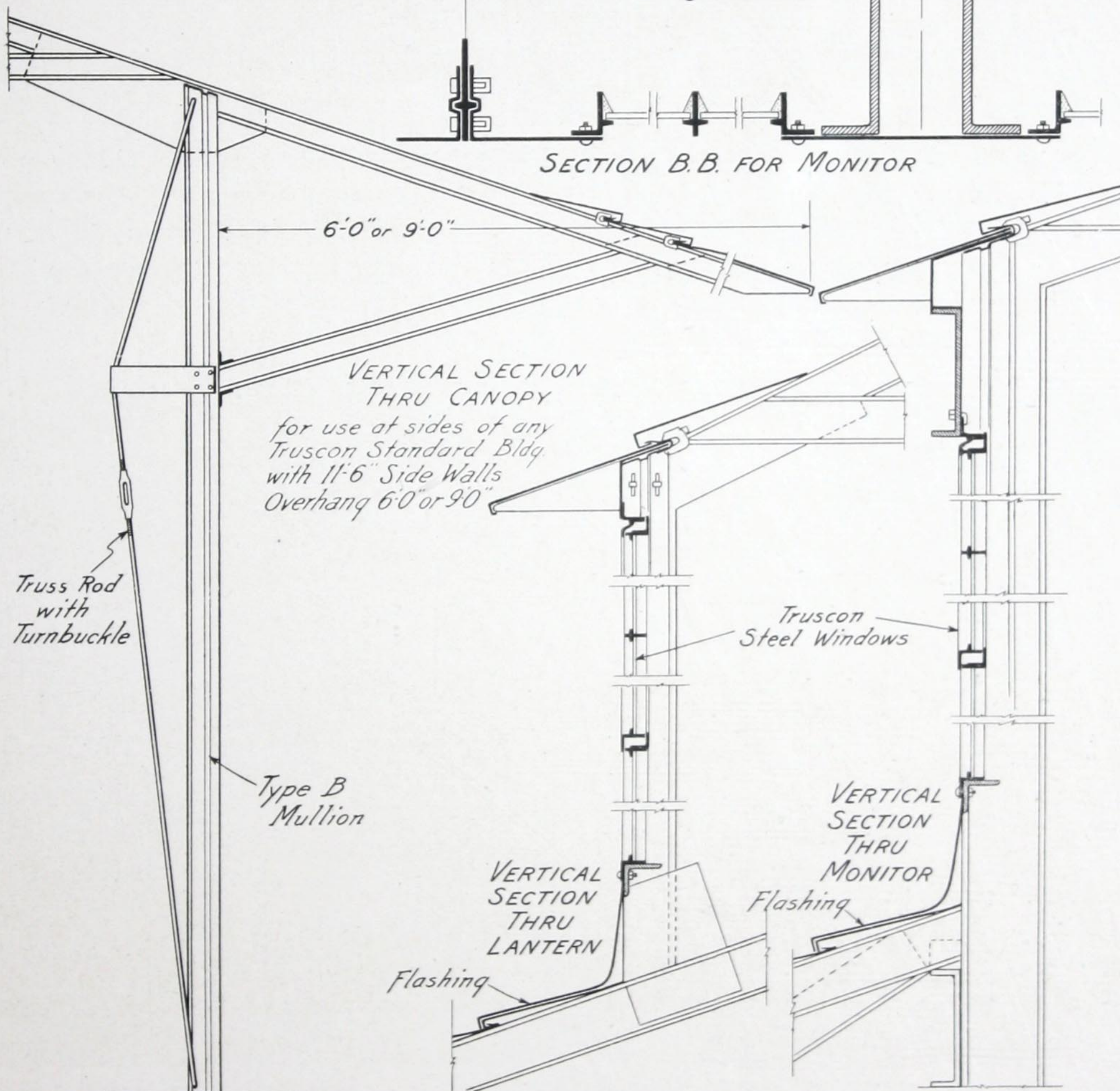
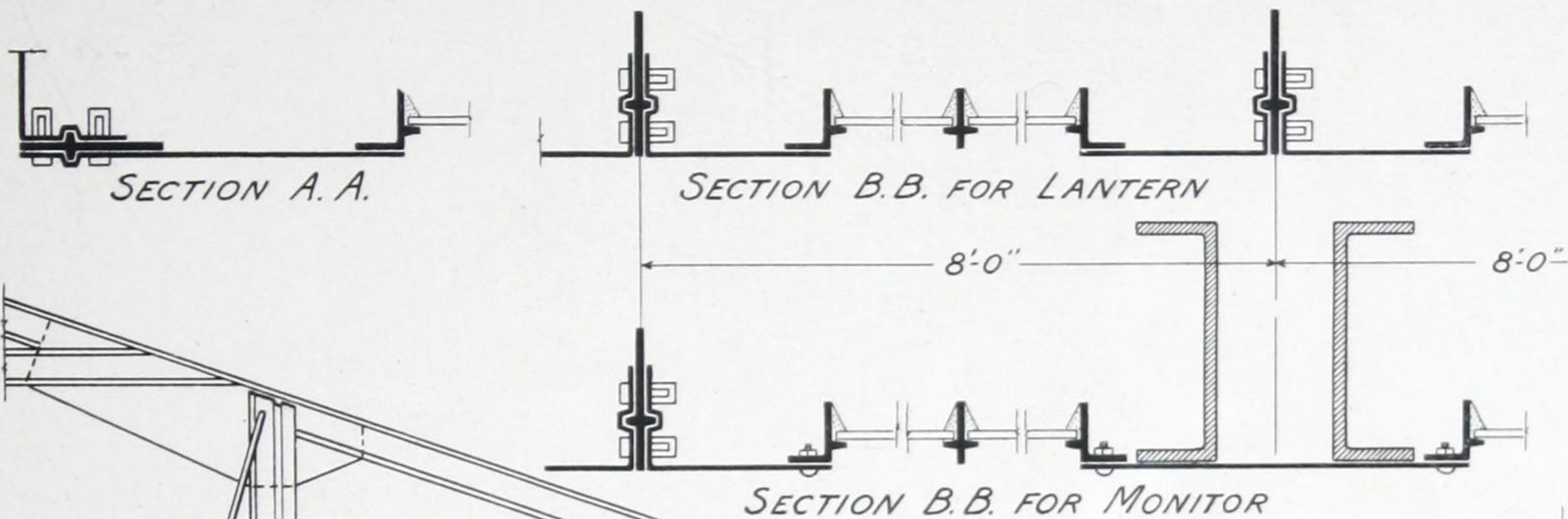
TRUSCON STEEL COMPANY



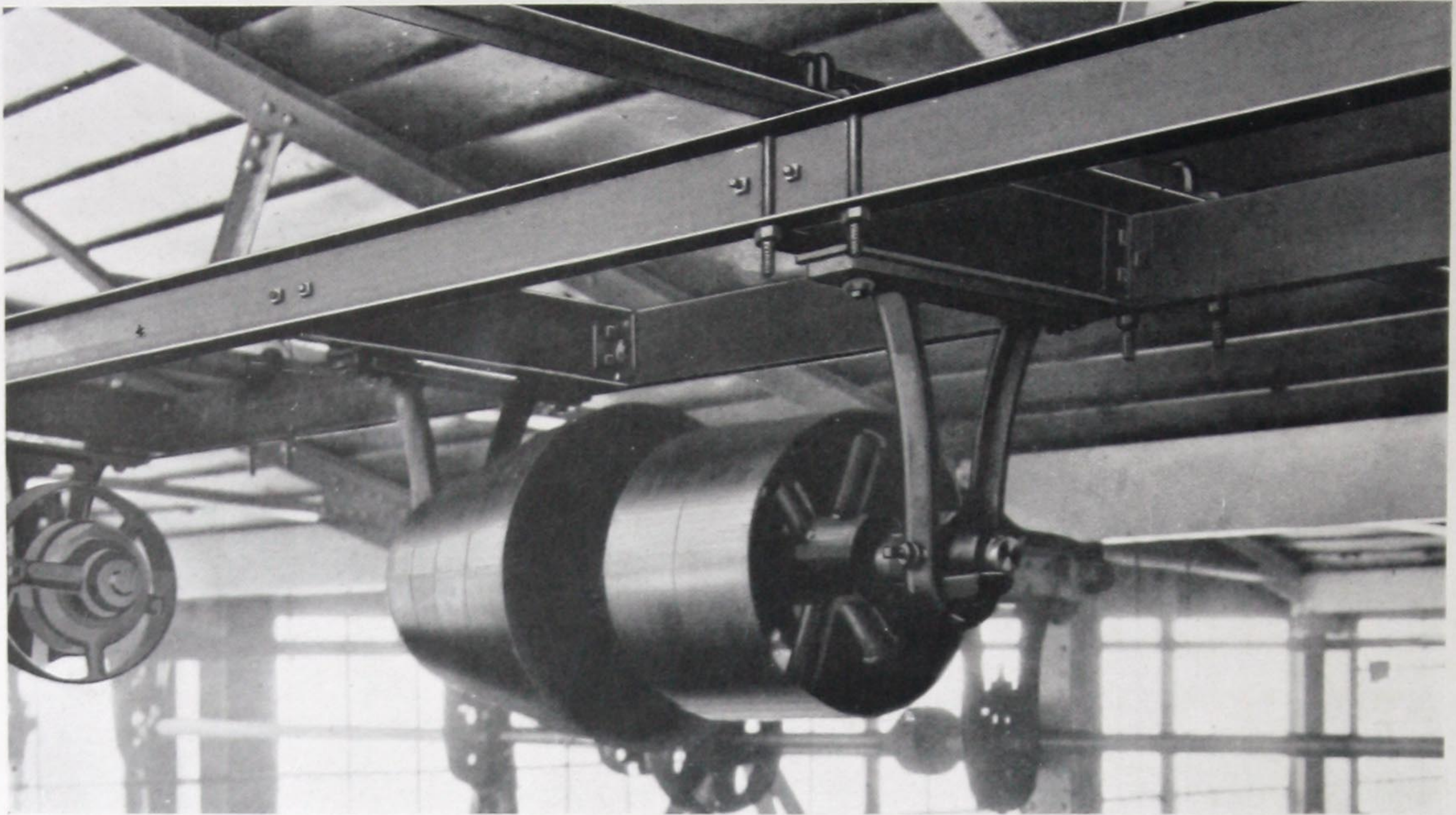
END SASH PANEL

INTERMEDIATE SASH PANELS

SASH PANELS IN LANTERNS, MONITORS AND SAWTOOTH BUILDINGS



TRUSCON STANDARD BUILDINGS



SUPPORTING SHAFTING IN TRUSCON SAWTOOTH BUILDINGS

The trusses of sawtooth buildings are designed to carry 1000 lbs. at any one panel point.

The 8 ft. truss spacing provides simple and economical means for supporting shafting, etc.

CRANEWAYS IN TRUSCON STANDARD BUILDINGS

Cranes should have supports independent of the Truscon Standard Building. Changes can

then be made in the building without interfering with the crane ways.



Independent support for crane ways, J. H. Day Co., Cincinnati, O.

TRUSCON STEEL COMPANY



Hisey Wolf Machine Co., Cincinnati, O. Truscon Standard Building 40'0" x 200'0".

ADAPTATIONS OF TRUSCON STANDARD BUILDINGS

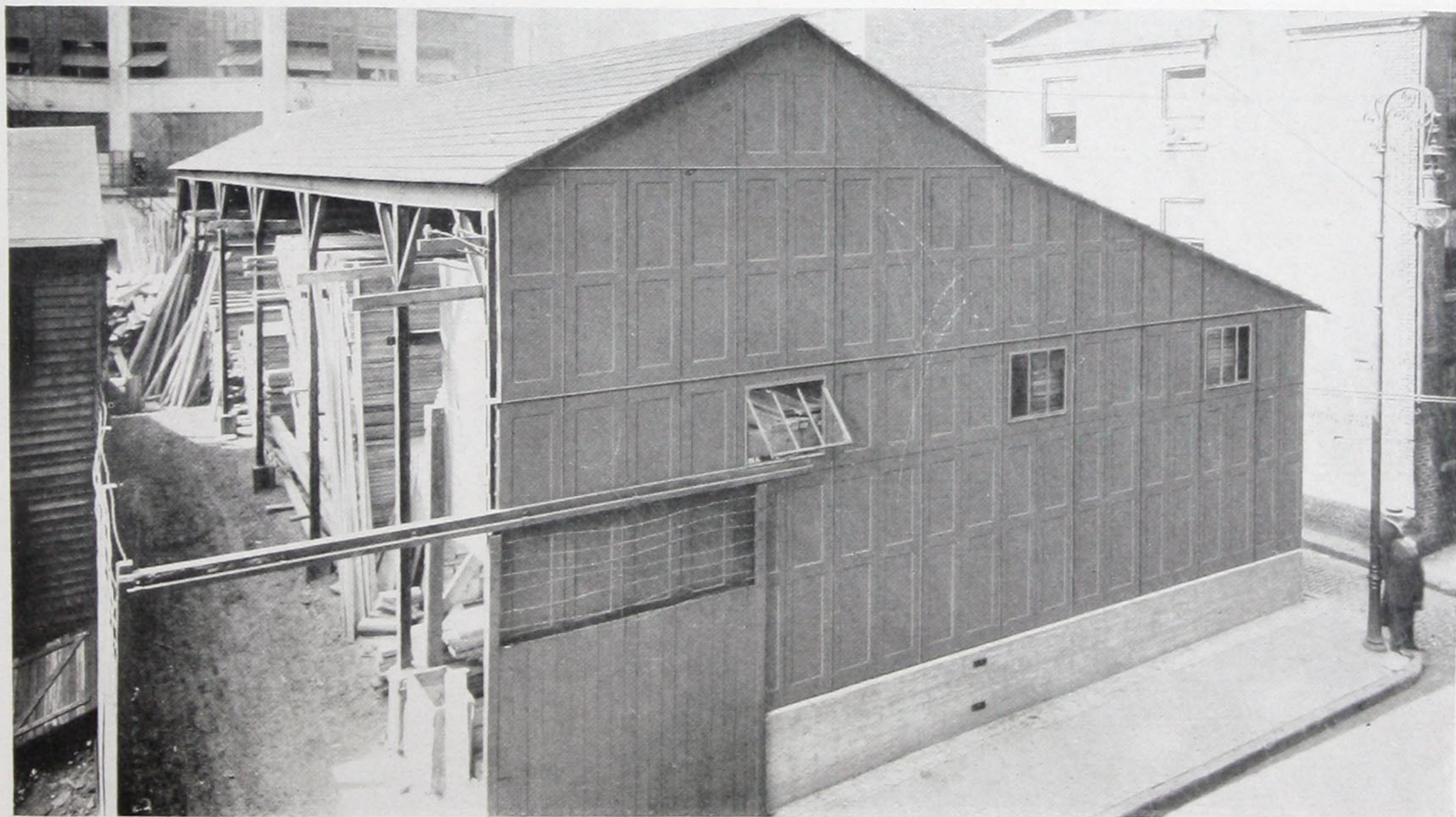
Owing to the unit type of construction, Truscon Buildings can be adapted to manifold arrangements and combinations in addition to the standard types illustrated on preceding pages.

The Hisey-Wolf Company, located on a prominent street in Cincinnati, desired to combine offices with factory. A brick building to house the offices was erected in front, and to it was connected the Truscon Standard Building as shown in above photograph.

For the Packard Motor Car Co., of Detroit,

a Truscon Standard Building has been so arranged as to be L-shaped, occupying an available corner section of their property; 60' 0" wide by 400' 0" in each direction.

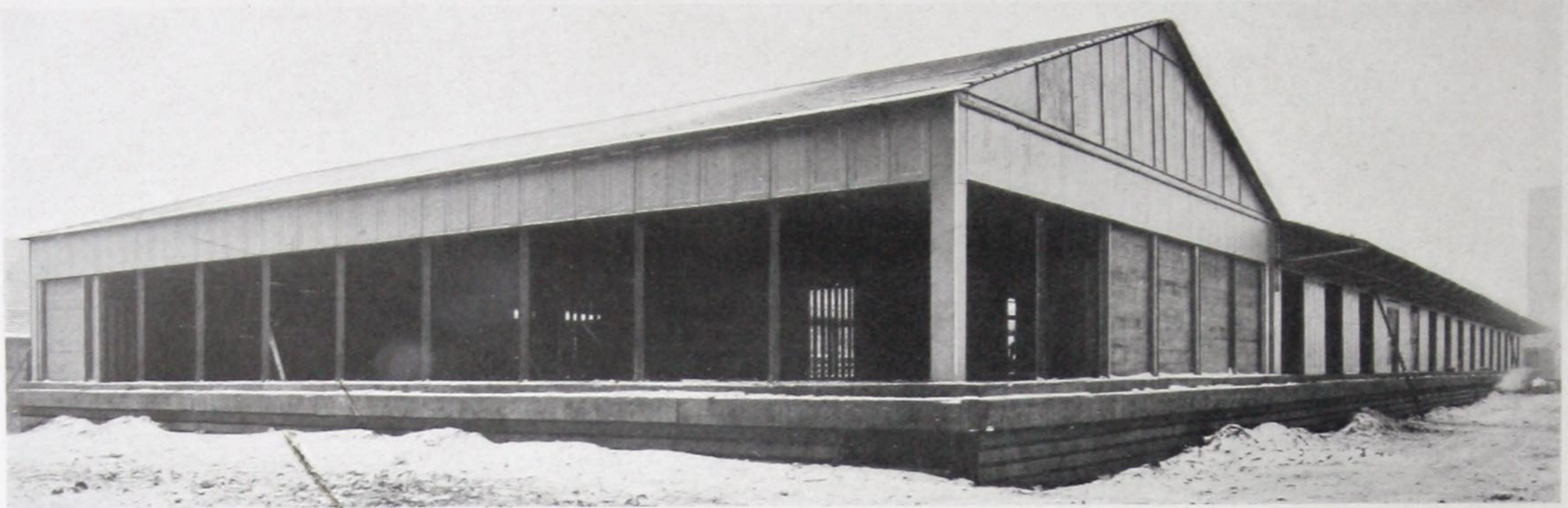
The Perkins Campbell Co., Cincinnati, needed lumber storage space, and had available property 50' 0" x 88' 0". Standard Building Type 3, 60' 0" wide, was ordered with the 20' 0" bay omitted on one side. This 40' 0" wide building, with side open, is ideal for lumber storage, and allows a 10' 0" driveway. See photograph below.



Lumber Storage, Perkins, Campbell Co., Cincinnati, O. 60' 0" Truscon Standard Building with 20' 0" bay eliminated

TRUSCON STANDARD BUILDINGS

RAILROADS USE THEM EXTENSIVELY

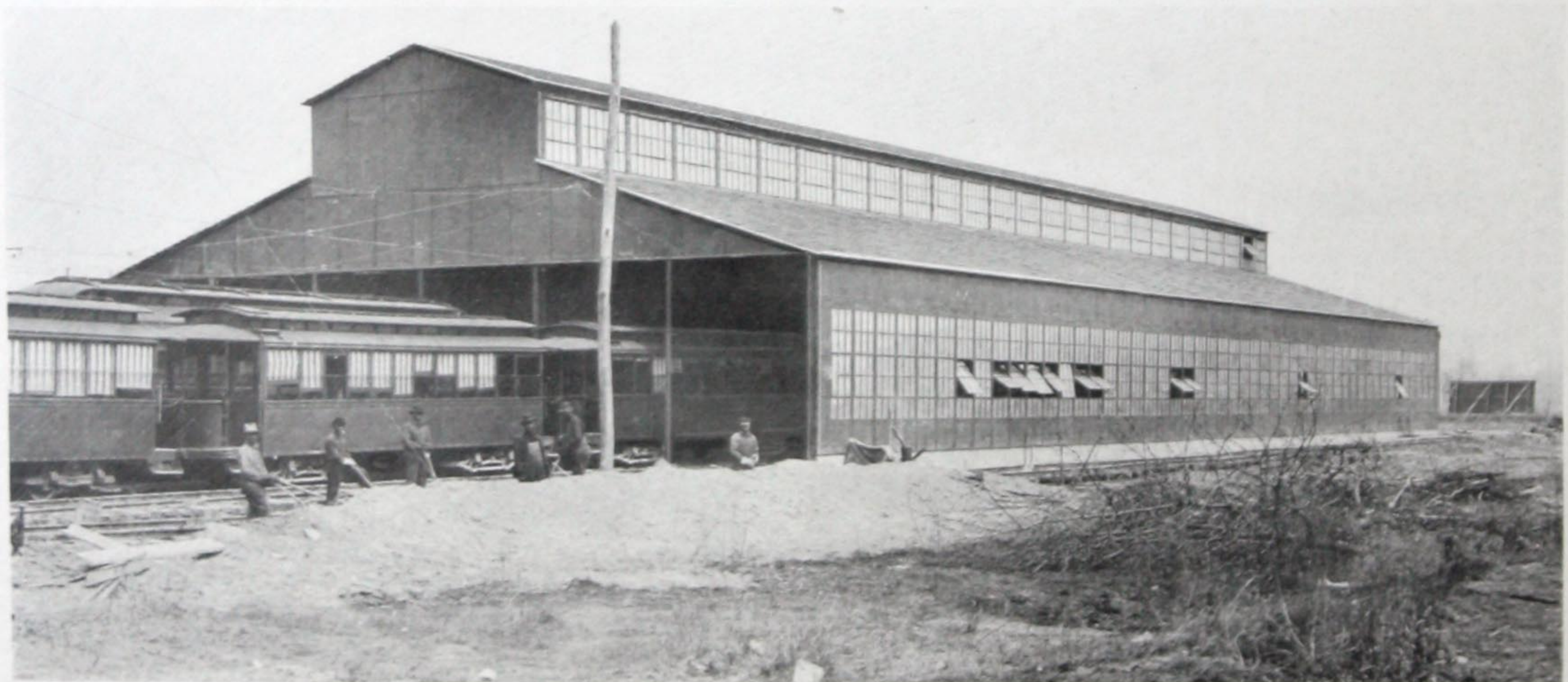
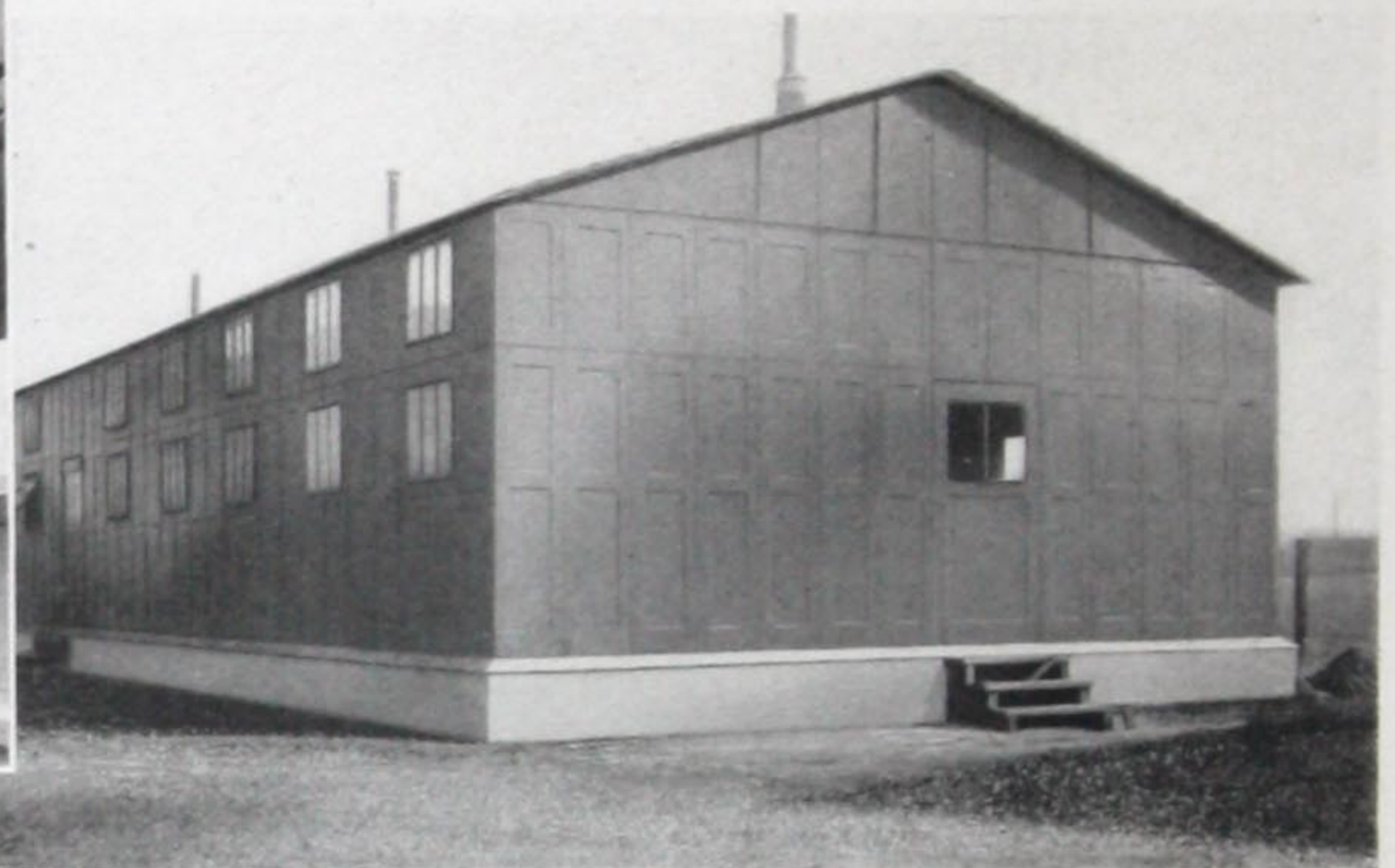


Open Side of Express Building, Chicago & Northwestern Ry., Chicago, Ill. Truscon Standard Building, Type 2, 50' 0" x 82' 0"



Umbrella Platform, 316' 0" long, Chicago & Northwestern Ry., Chicago, Ill. Truscon Standard Units.

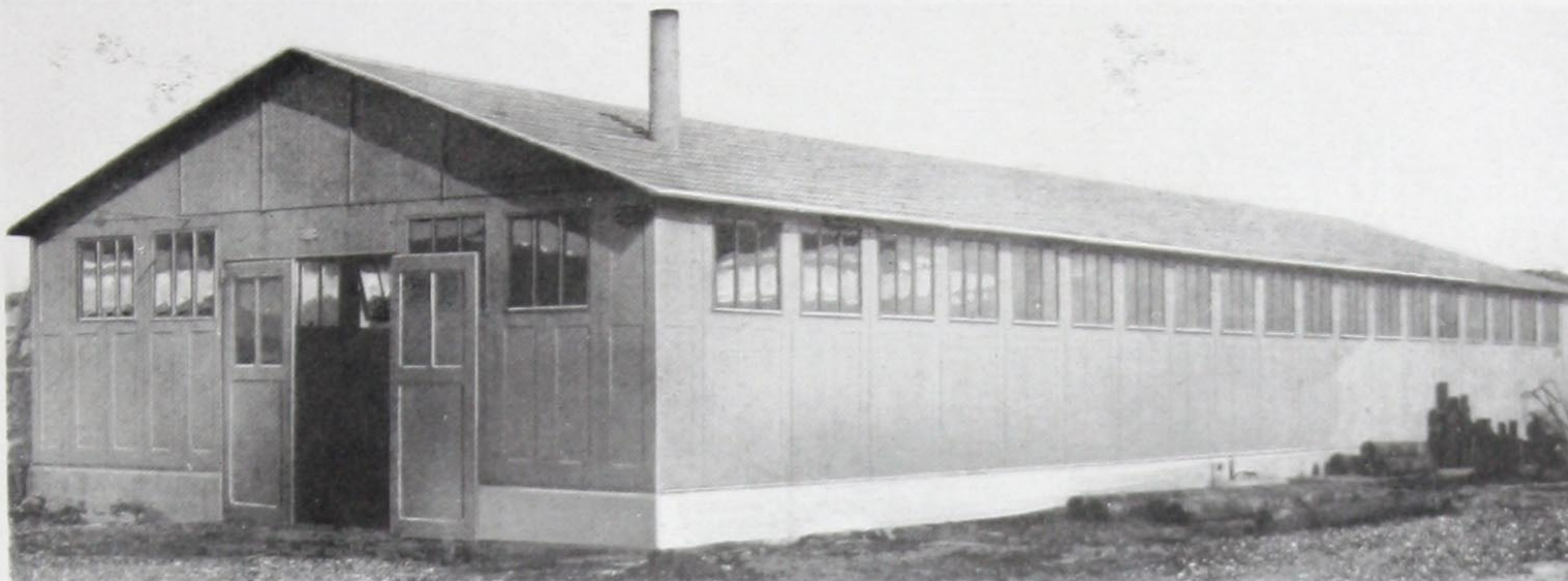
Pennsylvania Lines West of Pittsburg, Terre Haute, Ind. Truscon Standard Building Type 1, 28' 0" x 80' 0"



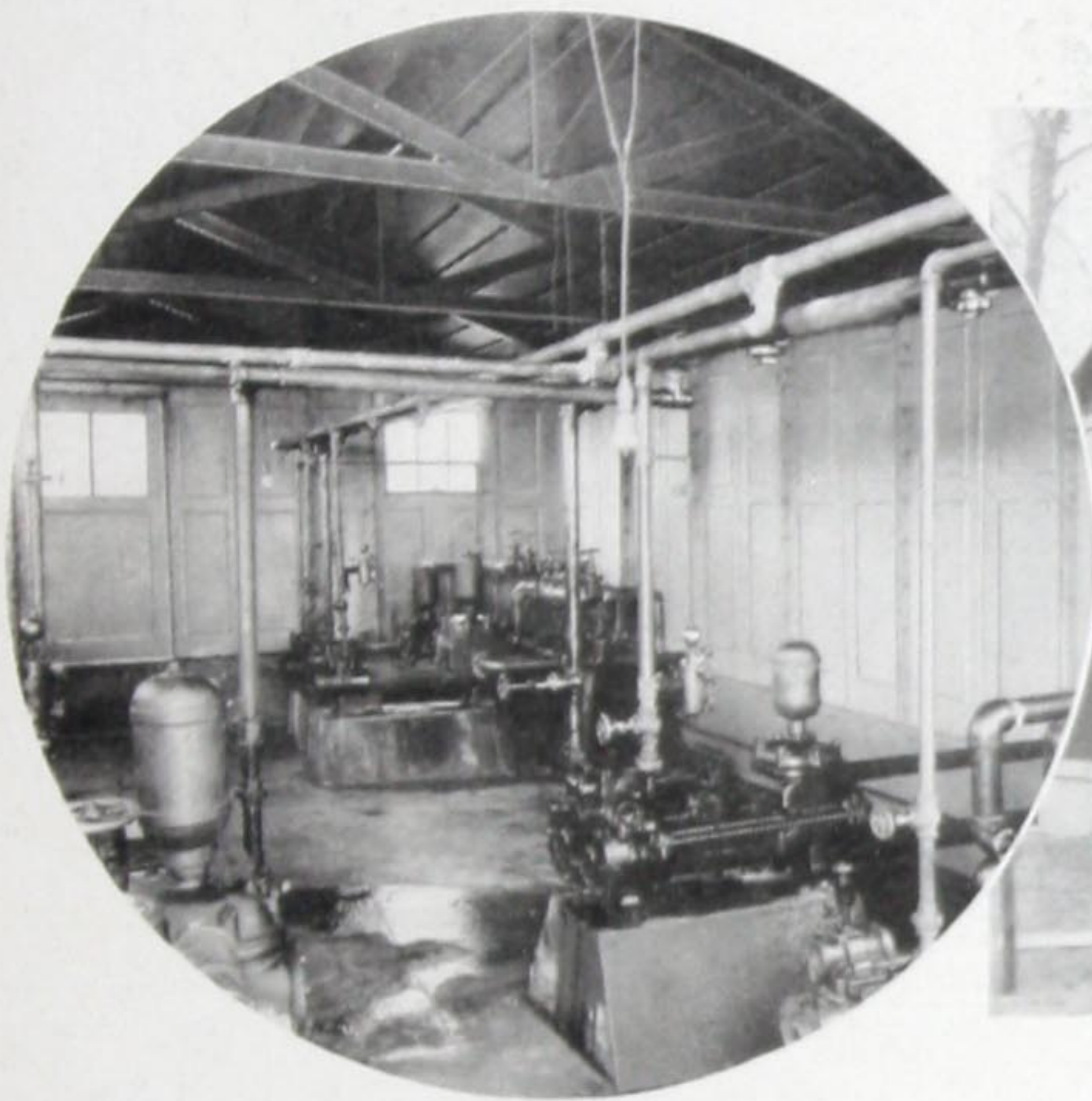
Norfolk-Southern R. R., Norfolk, Va. Truscon Standard Building, Monitor Type 74' 0" x 204' 0"

TRUSCON STEEL COMPANY

PETROLEUM OIL AND COTTON OIL BUILDINGS



New Orleans Refining Co., Good Hope Works, Sellers, La. Truscon Standard Building Type 1, 28' 0" x 80' 0"



Stoll Oil Refining Co., Louisville, Ky.

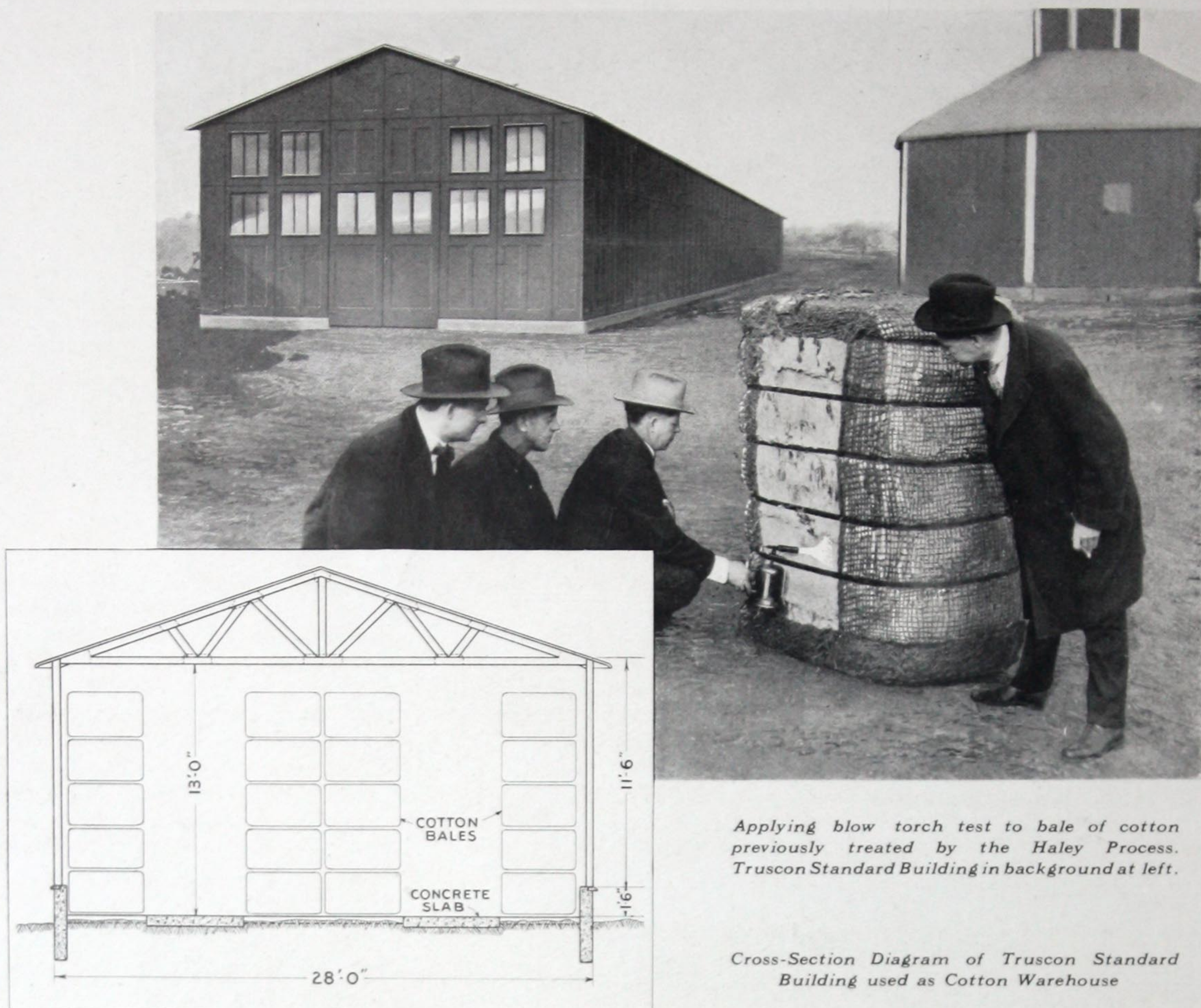


Pierce Oil Corporation, Tulsa, Okla. Truscon Standard Building for Pumping Station, Type 1, 30' 0" x 60' 0"



Southern Cotton Oil Co., Bayonne, N. J., Truscon Standard Building Type 3, 60' 0" x 100' 0"

TRUSCON STANDARD BUILDINGS



Applying blow torch test to bale of cotton previously treated by the Haley Process. Truscon Standard Building in background at left.

Cross-Section Diagram of Truscon Standard Building used as Cotton Warehouse

COTTON WAREHOUSES

Truscon Standard Buildings offer for Cotton Warehouses a construction that is not only moderate in first cost, but that also provides maximum protection and servcibility.

The cost of maintenance and operation of cotton warehouses constructed of Truscon Standard Buildings is extremely low because of the basic insurance rates that can be obtained from Insurance Companies on the building and contents.

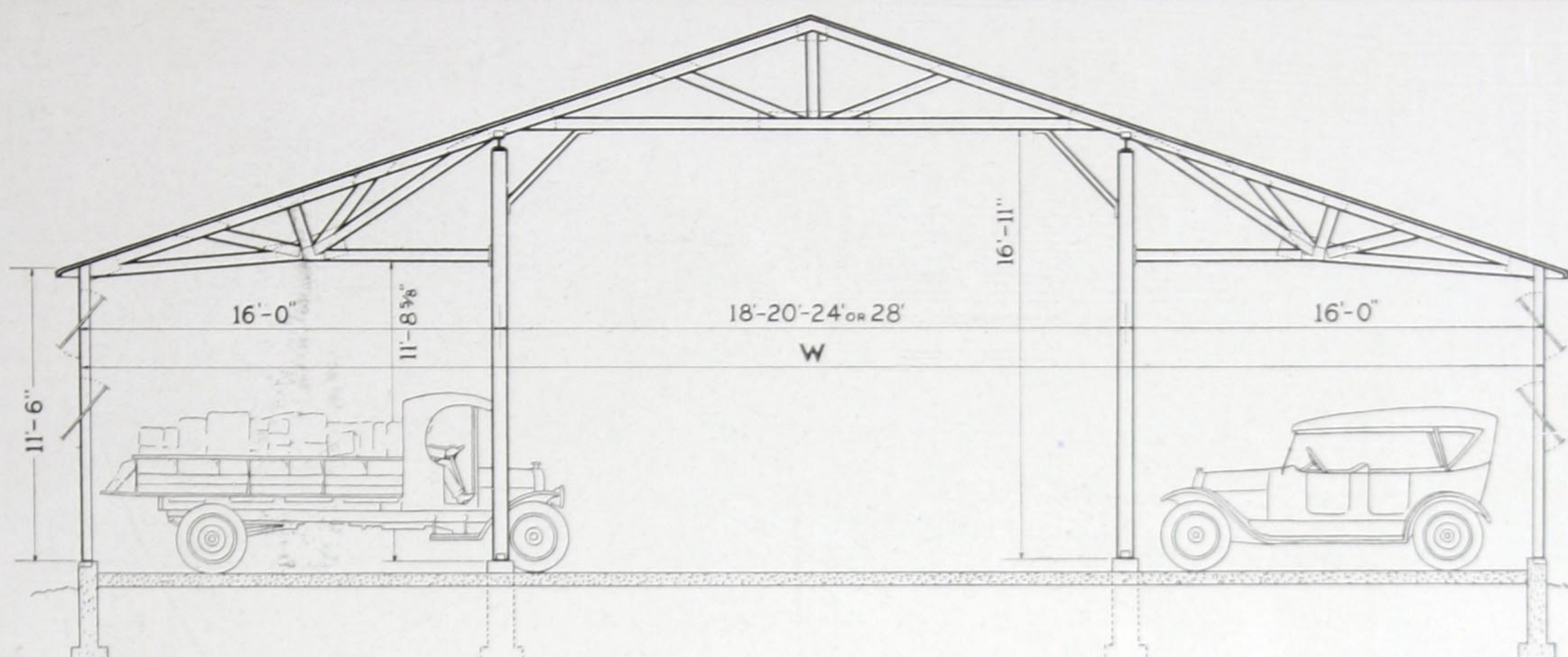
A Truscon Standard Building 28' 0" wide by 132' 0" long by 11' 6" high will house five hundred bales of flat cotton. Truscon Standard Buildings for this purpose are sold in connection with a Treating Plant and Equipment for chemically treating flat cotton that causes the cotton to be immune from country damage and from fire and spark hazard. This process is known as the "Haley Process" controlled

by the Cotton Protecting Company. The process and warehouses are approved by the Underwriter's Laboratories; by the United States Department of Agriculture; by the American Railway Fire Protection Association and by the American Cotton Association.

A new cotton schedule has been prepared establishing rates upon this treatment and construction. The first cost of a plant can be saved in one year, because of the freedom of the cotton from country damage and in the reduced cost of insurance premiums. These plants are being installed by plantation owners, at County concentration points, and at gins and compresses.

A committee of the American Cotton Association, reporting on April 15th, 1920, unqualifiedly endorsed and recommended the process.

TRUSCON STEEL COMPANY



PUBLIC GARAGES USING TRUSCON STANDARD BUILDINGS

The permanence, fireproofness and economy of Truscon Standard Buildings have made them specially satisfactory for public garages. In above diagram Type 3 Building (see pages 20 and 21) is shown, but if additional lighting and ventilation are required, Lantern may be placed astride of the ridge or the Type 3-M Building may be used. Side bays are ordinarily 16' 0" in width, which accommodates any size of car. Center bay is 18' 0", 20' 0", 24' 0" or 28' 0", depending upon space available, the greater widths providing additional clearance.

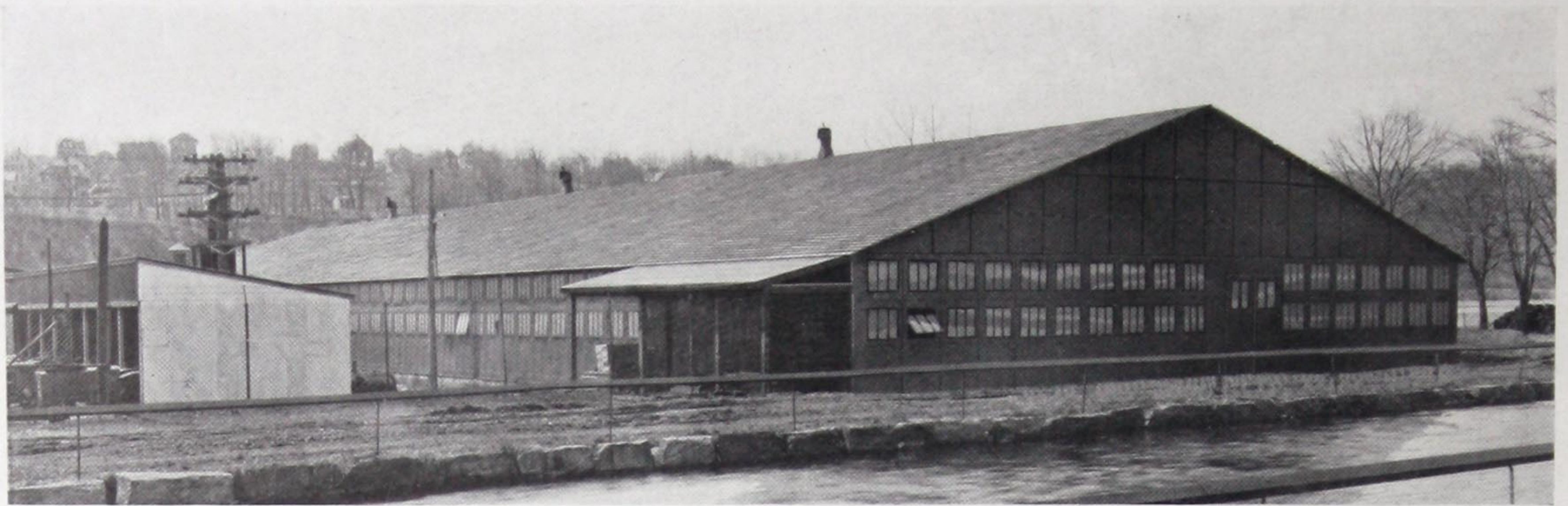
Many garage owners desire the front of their building with large store-window space for the display of automobiles or accessories, and in this case the front can be built with show windows and masonry wall as desired. The Truscon Building is connected to this wall, providing a permanent, fireproof building that meets all requirements at low cost.

Hangars for aeroplanes are also being constructed of Truscon Standard Buildings. One of these for Alfred Decker & Cohn, Chicago, is shown in photograph below.



Alfred Decker & Cohn, Chicago, Illinois. Truscon Standard Building used as hangar.

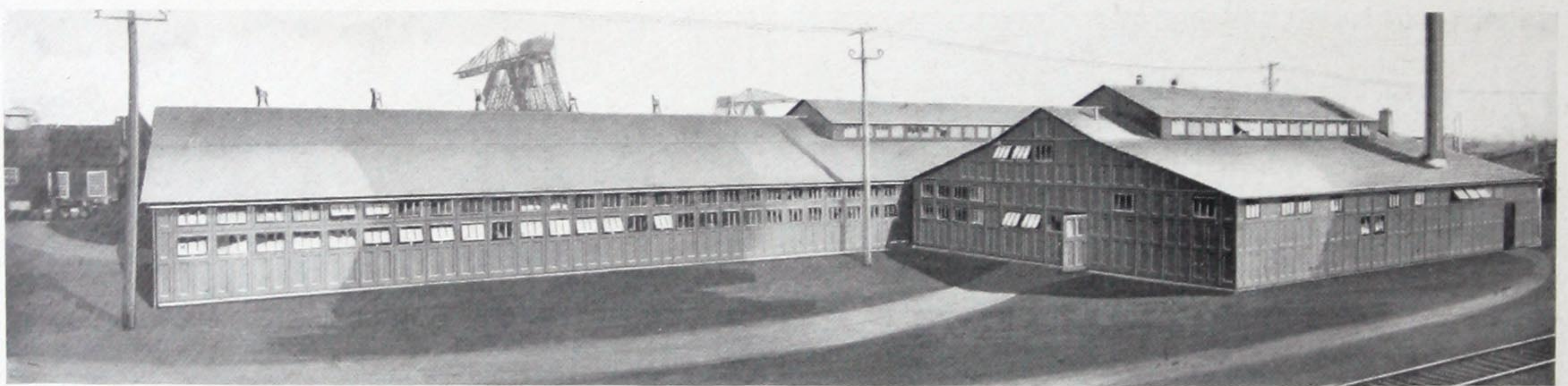
TRUSCON STANDARD BUILDINGS



General Ordance Co., Derby, Conn. Truscon Standard Building Type 4, 80' 0" x 250' 0"



Liberty Iron & Wire Works, Norfolk, Va. Group of Truscon Standard Buildings with Lanterns

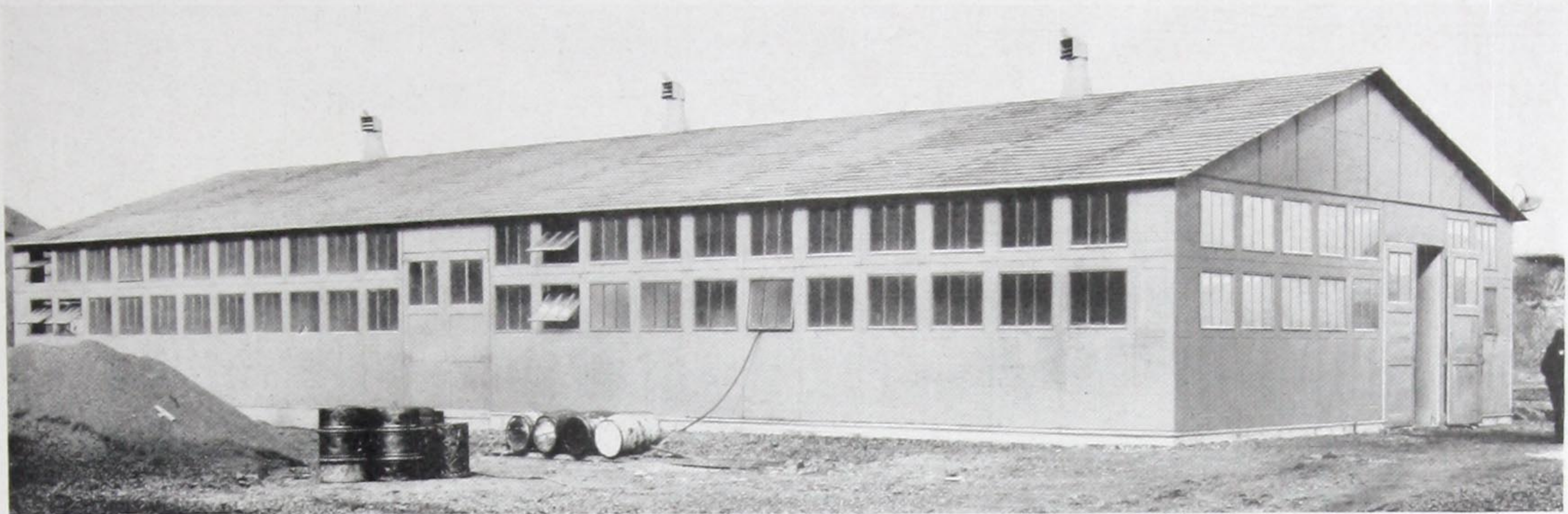


Great Lakes Engineering Works, Ecorse, Mich. Truscon Standard Building, Type 3



Factory Garage for 30 automobiles; Truscon Standard Building without doors

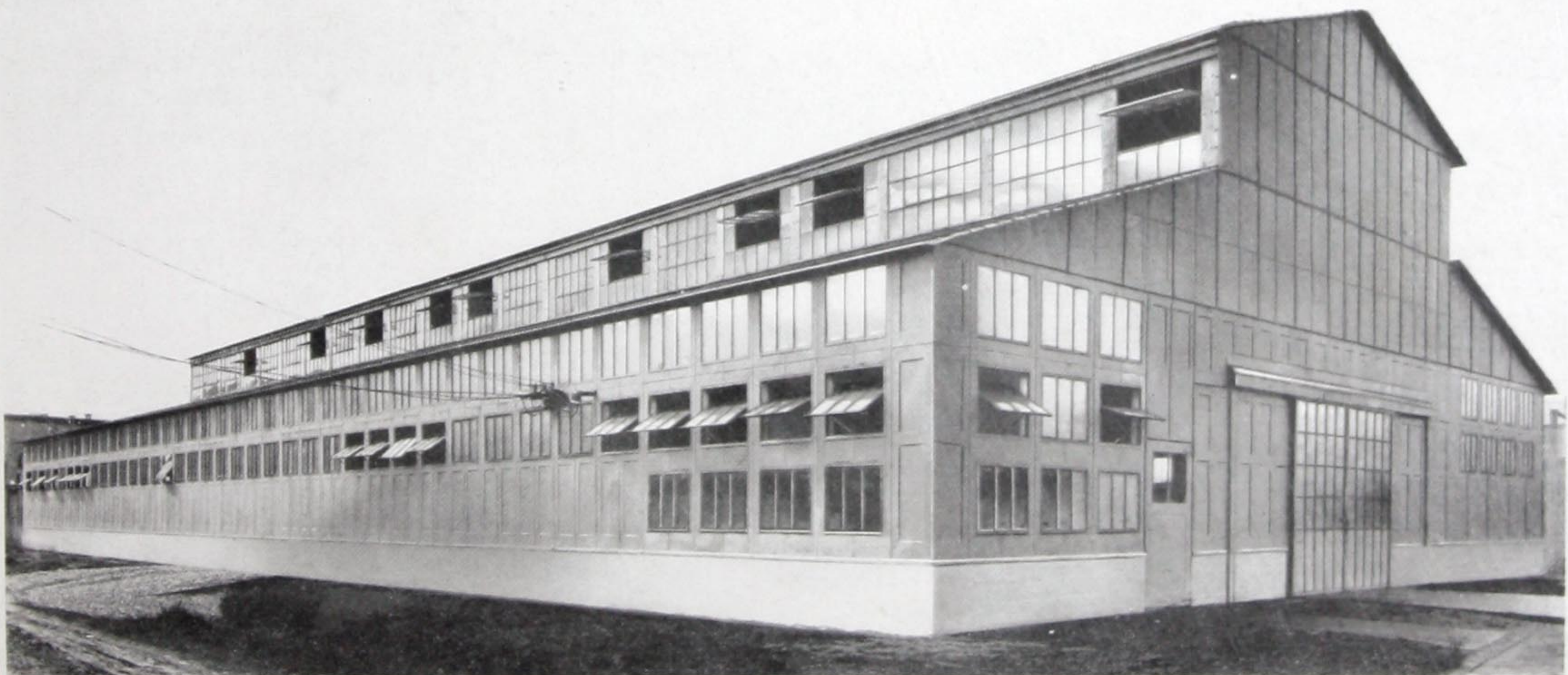
TRUSCON STEEL COMPANY



Baldwin Locomotive Works, Wilmington, Del. Truscon Standard Building, Type 2, 40' 0" x 100' 0"



Warner & Swasey Co., Cleveland, O. Truscon Standard Building, Type 3 with Lantern, 90' 0" x 176' 0"



New Orleans Motor Truck Manufacturing Co., Inc., New Orleans, La. Truscon Standard Building Type 3-M, 70' 0" x 164'

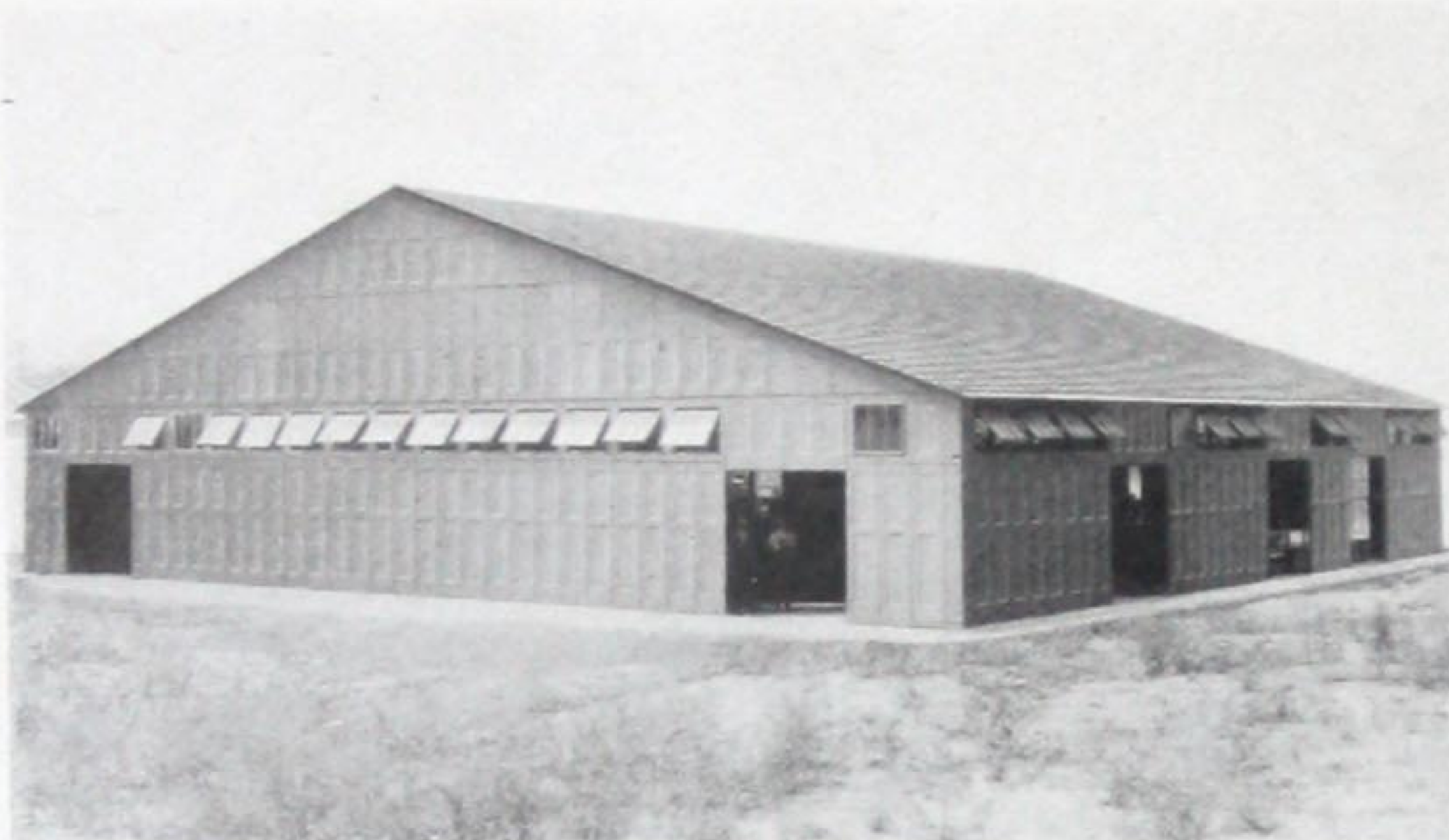
TRUSCON STANDARD BUILDINGS

WE USE THEM OURSELVES

A Few Truscon Standard Buildings at Some of Our Warehouses



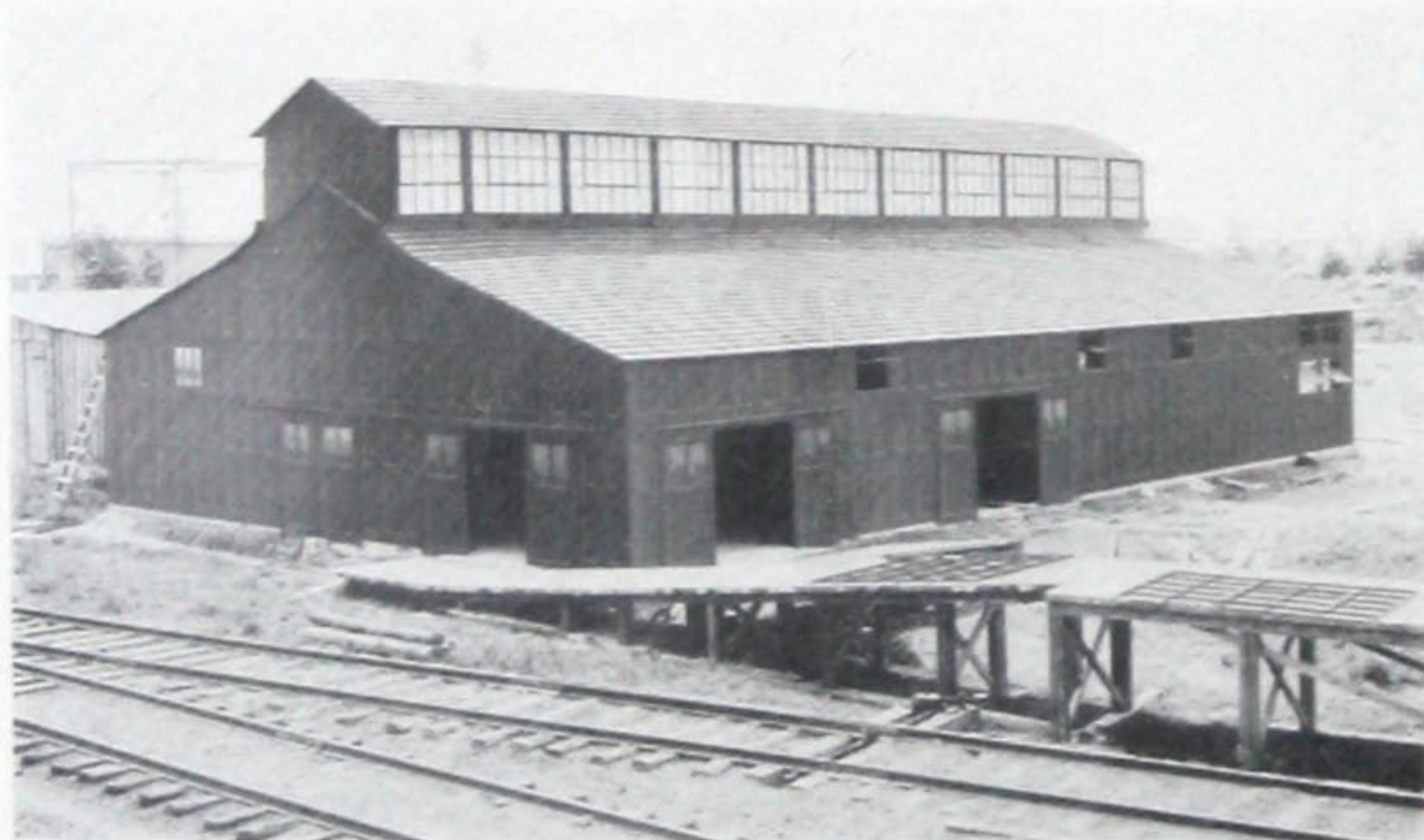
Boston, Mass.



Youngstown, Ohio



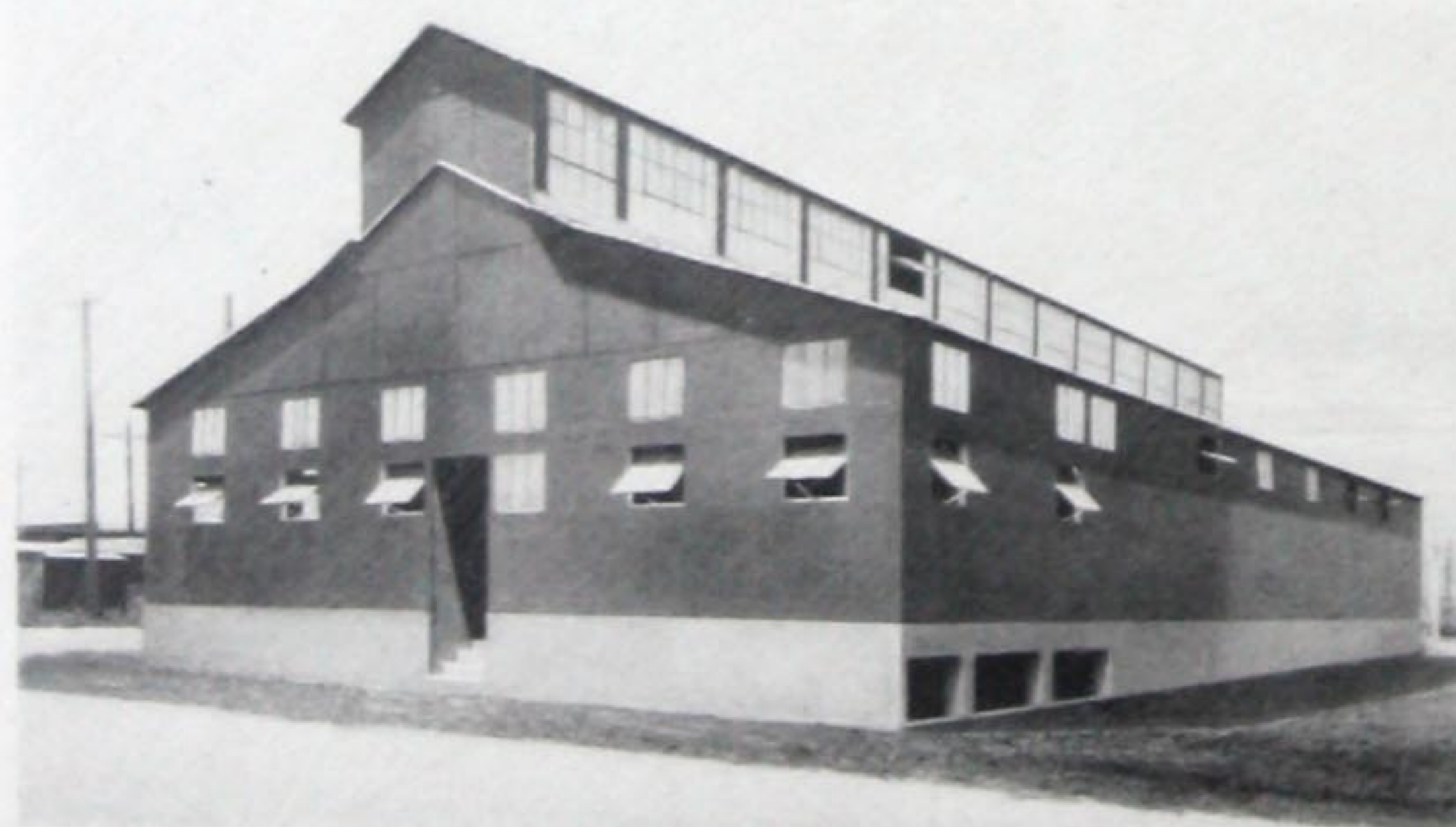
New York City



Norfolk, Virginia



Indianapolis, Ind.



El Paso, Texas



Cleveland, Ohio

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CCA

